

# **TO DESIGN, SOURCE & DELIVER**

the most Innovative & Trustworthy Products & Solutions

## **TO DESIGN, SOURCE & DELIVER**

the most Innovative & Trustworthy Products & Solutions



### **SYSMARK LIMITED**

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*Our Showroom (Display & Service Center):  
97 Lake Circus, Kalabagan, Dhaka-1205, Bangladesh*



# Specialty in Healthcare Fields

Sysmark Limited has been established in 2016 by a group of leading professionals with lengthy experience in the wider healthcare sector and a vision to provide the most innovative & trustworthy solutions in the market, aiming to become the market leader in the healthcare industry.

At its initial steps, the company collaborated closely with renowned manufacturers of the international medical device industry in order to distribute their products and introduce their technologies in markets that lacked the appropriate know-how, efficient logistics & supply chain.

Sysmark is a people-centric organization that is "made from people to serve other people". Sysmark continuously invests in human capital, which is the core of the organization. Our employees' knowledge, hard work, accountability and passion for healthcare are the key elements that qualify our organization to be a "premium specialty healthcare supplier" of innovative products and solutions. Our entire organization is dedicated to health as the willingness to give back to society is the one that characterizes Sysmark.

## Our Key Partners:



## Our Other Partners:



## Sister Concern:





## Our Vision

**To Design, Source & Deliver The Most Innovative & Trustworthy Products & Solutions**

The vision of Sysmark Ltd. is to become a diversified, leading supplier in the healthcare industry countrywide, by designing & delivering the most innovative specialty products in the healthcare field that it is active in.

At Sysmark we wish to develop our organization into a synonym of quality healthcare and become the optimum supplier of innovative specialty products and services in every market segment we are involved in, at country level. We wish to meet countrywide expectations for access to fast, innovative and cost effective healthcare. Additionally, through our activities we are keen to offering as many career opportunities as possible and become an employer of choice.

Finally, we understand that healthcare is "all about giving" and throughout our social activities, we are committed "to give back to the local community".



## Our Mission

**To Improve the Lives of Millions**

Following closely our philosophy that is based on the key principles of Innovation, Quality and Service, our mission is to offer to healthcare professionals, as well as the wider public across the country, innovative solutions for their daily healthcare needs.

Sysmark is present in a wide array of healthcare industry business segments and therefore aims to apply continuous development, to design, source and offer optimum solutions, whether it is a specialty product or a service, in healthcare fields.



## Our Philosophy

**Quality, Innovation & Service**

Our philosophy is one that captures the combination of end-users' needs with healthcare professionals' innovation & design.

Our philosophy incorporates the aspects of Quality, Innovation, Service combined with continuous change & adaptability as well as fast response & creative flexibility which are all key elements towards achieving the desired outcome.

Therefore, Sysmark Limited can perceive the significance of novice products and technologies which will create an instant demand among the country people as well as will add enormous value in the quality of Health Care Sector. Its management is consisted with some highly qualified persons who have long-term working experiences with Labaid Group, Beximco Group and Orion Group respectively. At the same time, it has advanced medical professionals and sufficient experienced and highly trained sales & marketing personnel to inaugurate new technology nationwide. It strongly believes that it will materialize this lofty desire to make a difference around the country for the betterment of massive people with innovation.





# Specialty in Healthcare Fields









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# GE Healthcare

Diagnostic Imaging  
Ultrasound Imaging  
Patient Care Solutions  
Spare Parts & Accessories

## GE Healthcare

Imagination At work

### Country of Origin: USA

General Electric ( 1892 ), was founded by Thomas A. Edison in 1889

- More than 125 years legacy
- \$1B Invested in R&D annually
- 300K+ Patients supported daily using GE imaging agents
- 4M Imaging, mobile, diagnostic and monitoring devices worldwide
- 2B+ Patient scans managed by GE technology annually
- 47K+ Employees around the world
- 160+ Countries in the world
- 11K+ Patents granted globally



# MRI

Magnetic Resonance Imaging





### **SIGNA Pioneer 3.0 T**



#### **Envision What You've Always Wished MR Could Do**

- Award winning AIR Coils Technology
- Free Breathing exams for Body MR with Auto Navigator
- SilentSuite - Silent MRI scan delivers unique patient comfort
- DISCO - Advanced MR technique to evaluate tumours activity and morphology
- 50% less power than conventional 3.0T wide bore MRI with UHE gradients system
- MAGiC: Multiple image contrasts in a single acquisition for compromised Patients
- Best in Class "GE" Magnet with superb homogeneity for high-quality off-centre MRI
- AIR Recon DL: deep-learning based reconstruction algorithm for exceptional Image

### **SIGNA Architect 3.0 T**



#### **Make The Unimaginable The Expected**

- Award winning AIR Coils Technology
- eXpress table, with a memory foam surface
- Upto 50% faster acquisition time with Hyperworks
- Based on the SIGNA™ Works platform to redefine productivity
- 48 Channel Head Coil and Coil Suite delivers phenomenal performance
- Total Digital Imaging (TDI) feature brings startling advances in imaging
- Pre-loaded SIGNA™ Works standard applications with SIGNA™ Architect
- DISCO - Advanced MR technique to evaluate tumours activity and morphology

### **SIGNA Explorer 1.5 T**



#### **Outstanding 1.5 T Performance**

- Quality in the fastest scan times - The new standard for MR
- SilentSuite - Silent MRI scan delivers unique patient comfort
- 105 cm open flared Magnet and feet first MRI for patient comfort
- 34% less power than conventional 1.5T MRI with UHE gradient & RF system
- MAGiC: Multiple image contrasts in a single acquisition for compromised Patients
- Best in Class "GE" Magnet with superb homogeneity for high-quality off-centre MRI
- AIR Recon DL: deep-learning based reconstruction algorithm for exceptional Image
- Advanced acceleration techniques - Up to 50% faster acquisition time with Hyperworks

### **SIGNA Creator 1.5 T**



#### **Propel Your Imaging Abilities Into The Future**

- Whole Body MRI with Scan Coverage 194 cm.
- Free Breathing exams for Body MR with Auto Navigator
- 105 cm open flared Magnet and feet first MRI for patient comfort
- Comes with GE post processing workstation-AW for advanced MRI
- Total Digital Imaging (TDI) feature brings startling advances in imaging
- 34% less power than conventional 1.5T MRI with UHE gradient & RF system
- DISCO - Advanced MR technique to evaluate tumors activity and morphology
- Best in Class "GE" Magnet with superb homogeneity for high-quality off-centre MRI



**CT**

Computed Tomography





### Revolution EVO



#### Defying Time

- 500 slice equivalent system with free breathe scan
- Clarity panel detector with enhanced spatial resolution of 0.28 mm
- Upto 82% dose reduction using ASIR-V
- Unique Snapshot Freeze freezes coronary motion with a temporal resolution of 29 msec
- 5 beat cardiac acquisition for any heart rate
- Single acquisition SmartMAR for artifact-less imaging
- Elevate CT imaging with advanced applications in multimodality workstation

### Revolution Maxima



#### Overall, A Top Performer

- Aunt Minnie Europe Award winner for the best new radiology device 2020
- Setting a new standard in CT operations with one click AI-based Auto Positioning
- Coronary motion correction with Snapshot Freeze with temporal resolution of 29 msec
- 5 beat cardiac acquisition for any heart rate
- Single acquisition SmartMAR for artifact-less imaging
- Upto 82% dose reduction using ASIR-V
- Elevate CT imaging with advanced applications in multimodality workstation

### Revolution CT ES



#### Versatile and Exceptional CT Imaging

- High-definition imaging with the Gemstone™ Clarity Detector
- High coverage to achieve motion-free coronary imaging at any heart rate
- Split second volume acquisitions to minimize motion artifact
- Volume Spectral CT-Faster than the blink of an eye
- GSI Xstream Workflow Makes Spectral CT Routine
- 80 cm Wide bore to accommodate challenging patients including bariatric and trauma
- 0.25 msec Ultra fast kV switching technology for GSI Xstream

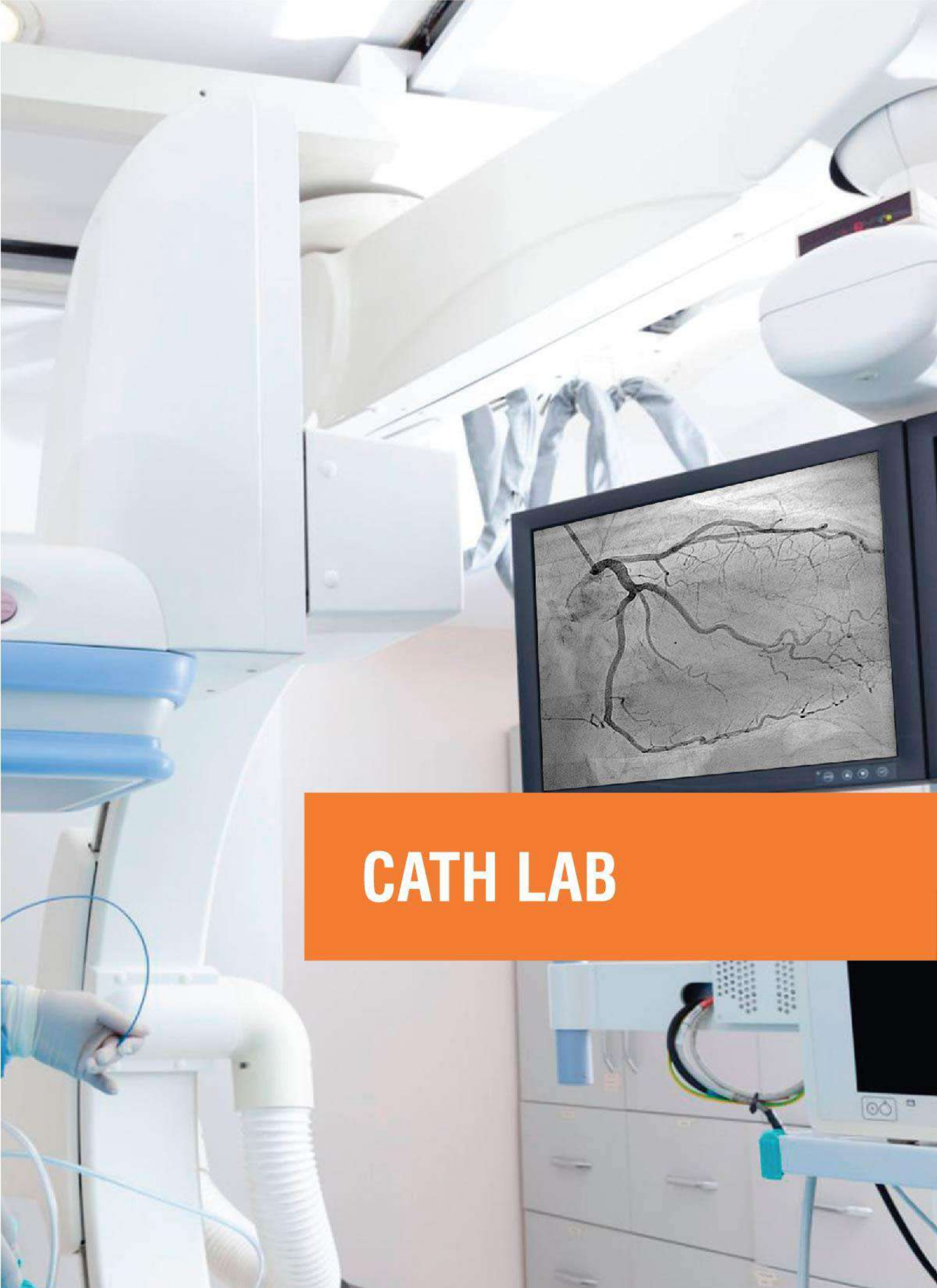
### Discovery RT



#### See Everything. Miss Nothing

- Comprehensive radiation therapy solution with precision, integration and efficiency
- Max DFOV of 80 cm feature provides edge-to-edge acquisition
- Enabled with Smart Metal Artifact Reduction Technology (Smart MAR)
- Powered by a 100kW generator and 0.625 mm slice thickness
- Smart Deviceless 4D provides respiratory gating without an external device
- AdvantageSim MD enhances productivity through effortless 4D review and simulation





# CATH LAB



## Optima IGS 3 series



### Cardiovascular Imaging Within Your Reach

- Unique 3 Axis Gantry movement
- GE's unique Stent Viz technology with subtracted guide wire
- Highest DQE - GE offers 80% at just 175nGY
- Three Focal Spot (0.3, 0.6 & 1.0mm, .3mm for DSA)
- Intelligent AutoEx automatically selects the X-ray parameters
- Available in detector size of 20 cm x 20.5 cm and 30 cm x 30 cm
- Innova 3D provides a quick 3D rotational angiography acquisition
- GE Makes it's detector at its own & is the only company unlike other vendors who get from other OEMs

## Innova IGS 5 series



### Advanced Visualization And Multipurpose Applications

- AutoRight-GE's unique and Industry's first AI based imaging chain
- GE's self-made monolith detector
- GE's unique Dose Blueprint Tech
- Unique 3 Axis Gantry movement
- GE Makes it's detector at its own
- Highest DQE - GE offers 80% at just 175nGY
- Three Focal Spot (0.3, 0.6 & 1.0mm, .3mm for DSA)
- 3DCT HD provides fine image details to help in clear visualizations
- Available in detector size of 20 cm x 20.5 cm, 30 cm x 30 cm & 40 cm x 40 cm

## Innova IGS 6 series



### View The Anatomy In Details

- AutoRight-GE's unique and Industry's first AI based imaging chain
- Unique offset C-Arm
- GE's unique Dose Blueprint technology
- Highest DQE - GE offers 80% at just 175nGY
- One-hand full biplane control with the SmartBox
- C-arm design allows to perform 3D rotational acquisitions
- Low-dose imaging technologies for minimally invasive procedures
- Optimal detector size (20.5 x 20.5 cm (8.1 in), or 31 x 31 cm square (12.2 in)
- Equipped with InnovaSense, the advanced patient contouring technology

## Discovery IGS 7 series



### Rediscover Space and Movement

- AutoRight-GE's unique and Industry's first AI based imaging chain
- Robotic hybrid solution
- Enables collision-free 2D & 3D imaging
- Unprecedented positioning versatility & full patient access from any side
- Longest table for long catheters & guide wires, surgical rail sleeve for OR accessories head-to-toe coverage from right/left side. No need for leg filters. Breeze subtracted bolus chase
- Planning anywhere, fusion guidance with Digital zoom & easy 3DCT HD assessment
- Customizable layouts and parking positions, which installs in even small rooms
- Wide bore offset C-arm
- Lowest published dose levels for EVAR

# MAMMOGRAPHY

## Senographe Crystal Nova



### Digital Mammography Transformation, Simplified

- Simple and intuitive features
- eContrast post-processing to optimize visual comfort
- Auto-Move function adapts to the height automatically
- High DQE detector from premium GE mammography systems
- N-button quickly and automatically positions workflow preferences
- Seno Iris Lite workstation integrated with the Senographe Crystal Nova
- Small and sliding paddle makes it easy to accommodate all kind of patients

## Senographe Pristina



### Reshape The Mammography Experience

- Superior Diagnostic Accuracy
- Redesigned biopsy experience
- Exceptional 3D breast cancer screening technology
- Allows breast cancer diagnosis and treatment plan on same day
- SensorySuite distract patients from the perceived discomfort, pain and anxiety








# BONE MINERAL DENSITY

## Prodigy advance



### Bone and Metabolic Health

- Exceptional precision and low-dose radiation
- Streamlines patient care and practice workflow
- Provides precise data on soft tissue and bone composition
- Narrow-angle fan-beam with MVIR-that eliminates magnification error
- LYSO crystal detector provides efficiency and excellent energy resolution
- Efficiently provides accurate bone mineral density (BMD) and other body composition analyses



**BONE MINERAL DENSITY**

**What is a  
BONE MINERAL  
DENSITY TEST -  
and how can it  
prevent fractures?**



**X-RAY**





## Discovery XR 656 Plus



### Step Up to The World Of Freedom

- Auto Positioning & Auto Tracking
- VolumeRAD-Digital Tomosynthesis
- Dual Energy for Chest and Abdomen
- Auto Image Paste-Table & Wall Stand
- Flashpad Detector-Non Tiled FPD with 68% DQE
- Ceiling Suspended-80KW, 1000mA Integrated DR
- Generator, Tube and Detector manufactured by GE

## Optima XR 646



### Optimized For the Way You Work

- Auto Tracking
- Repeat Reject Analysis
- Auto Image Paste-Wall Stand only
- Dual Energy for Chest and Abdomen
- Flashpad Detector-Non Tiled FPD with 68% DQE
- Ceiling Suspended-80KW, 1000mA Integrated DR
- Generator, Tube and Detector Manufactured by GE

## XR6000 Digital



### So Reliable So versatile. So Much Value.

- Dedicated Wall Stand with AEC
- Higher Grid Resolution- 78Lp/cm
- 4 Way Floating carbon fiber top table
- 50kW, 630mA-High Frequency Fixed X Ray System
- 32GB Inbuilt Storage with Manual Stitching Software
- Easy to Install-Floor Mounded DR System pixels & 70% DQE

## Brivo XR115



### Mobile-Ergonomically Designed For Added Safety

- Runs on 15 Amps Electric Supply
- 200kHz UHF for low dose and Radiation
- <2 Kg Push force with small turning radius
- 4kW, 100mA-Ultra High Frequency Mobile X-Ray
- 32GB Inbuilt Storage with Manual Stitching Software
- XR 120 CsI Detector with 127 microns pixels & 70% DQE

## Optima Traveller



### Mobile-Takes Digital X-ray To The Point Of Care

- APR Pre-loaded-24 Techniques
- Non Motorized-Battery Free Operation
- Easy Maneuverability and Easy Positioning
- 32kW, 400mA-High Frequency Mobile X-Ray
- 32GB Inbuilt Storage with Manual Stitching Software
- XR 120 CsI Detector with 127 microns pixels & 70% DQE



**C-ARM**





## OEC Brivo



### Essential partner in Surgery

- Monochrome 19" monitors
- Wireless DICOM and MPPS
- OEC interface allows confident operation
- 1k x 1k high resolution imaging technology
- 9" Image Intensifier provides high spatial resolution
- CD/DVD, USB and integrated DICOM storage options
- Automated features, including true point-and-shoot capability

## OEC One CFD



### See More. Do More

- 150,000 image storage
- View 4x image size with Live Zoom
- Small footprint and fits in tight spaces
- Standby power - 5-minutes standby data protection
- 1:1 image detail with CMOS flat panel detector (CFD)
- Low dose mode and Finger-removable anti-scatter grid
- Synchronize workflow with simple commands for adjustments

## OEC Elite II



### Expect More

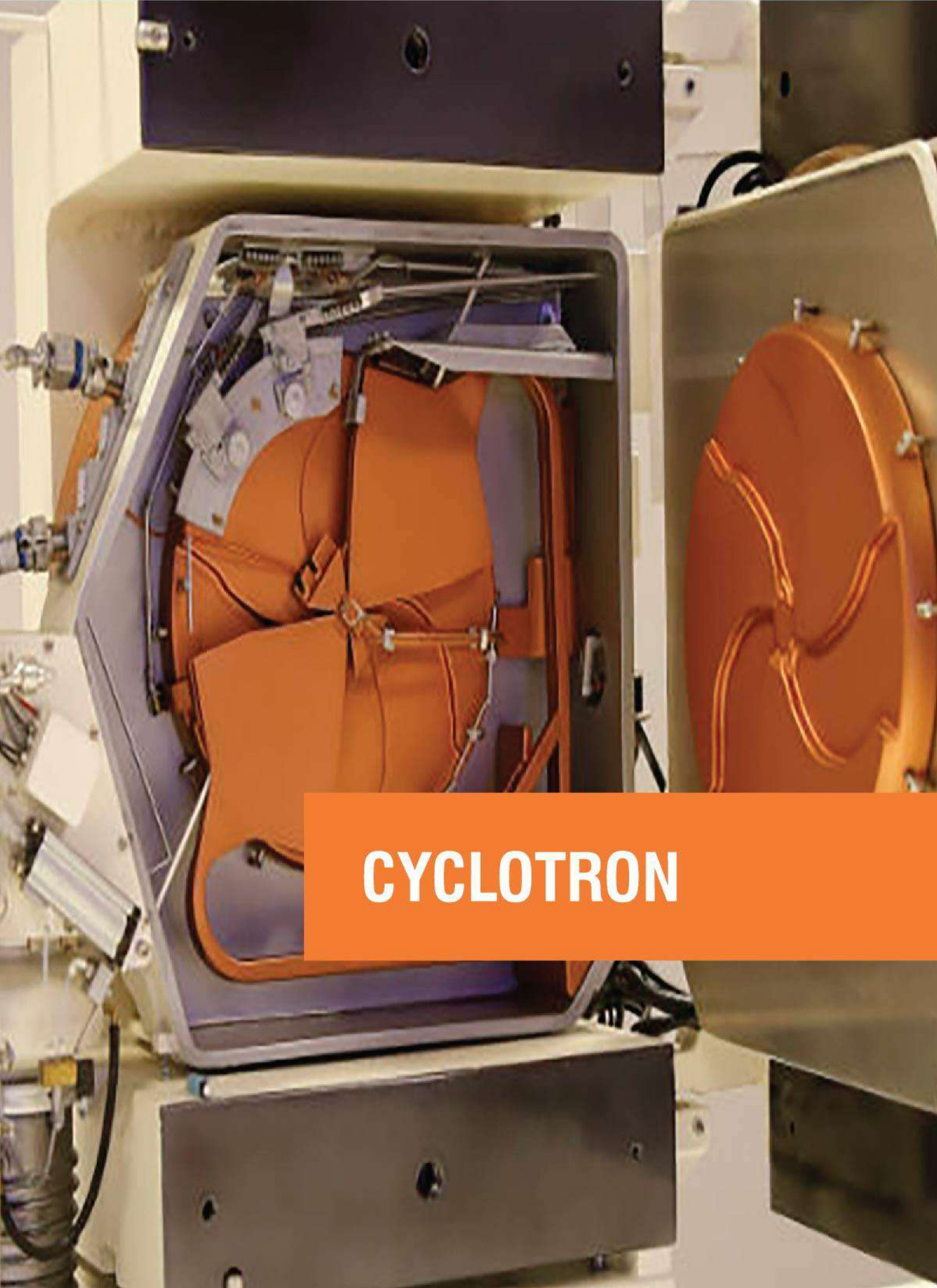
- Linux based operating system
- 12.4" images 4K UHD 32" display
- Intuitive OEC Touch control panel
- Lightweight slim design workstation
- Live Zoom, Digital Pen and measurement
- 1K x 1K x 16-bit image processing at 30 fps
- Disconnect and reconnect C-arm without rebooting

## OEC Elite CFD



### See What You've Been Missing

- 4K UHD 32" display
- Intuitive OEC User Interface
- Agile - 30% less force to steer
- Lightweight slim design workstation
- Efficient image capture with SmartView
- Live Zoom, Digital Pen and Measurement
- Largest Field of View (FOV)\* - see 20% more
- Continuous fluoroscopy allows to view more detail



# CYCLOTRON





## PETtrace 800



### Incredibly Productive. Creditably Reliable

- Versatile solution - Simultaneous dual-target irradiation
- High reliability - Beam extraction efficiency above 99.9%
- Easy production - Conserve space with compact footprint
- Design advantage - Fully automated production sequence
- Reduce dose to personnel - Design and integrated shielding
- Secured investment - Continuous upgrade to increase capacity

## MINItrace™ Qilin



### In House And Beyond

- Designed to reduce dose to personnel
- Capacity to support 3-4 in-house scanners
- Fully automated positron emitting cyclotron
- Secure your investment with a continuous upgrade
- Streamline workflow covering 99% of all PET procedures
- Explore tracer production for programs beyond oncology

## GENtrace



### Just What You Need. Right Where You Need it

- Radiation shielding technology reduce dose
- 12-15 dose capacity per round of production
- Secure your investment with a continuous upgrade
- Improve capital efficiency with a small system footprint
- Minimize maintenance downtime with reliable production
- Streamline workflow with a fully automated production sequence

## FASTlab 2



### Delivering On Promises With Consistent Supply

- FDG Duo Cassette - four FDG citrate runs
- Fully automated cassette-based tracer production
- Streamline tracer production with a back-to-back synthesis setup
- Pre-measured quantities of all tracer components in a single cassette
- Increase daily production capacity - high yields and short synthesis times





**PET CT & SPECT  
OR SPECT CT**



## Discovery IQ Gen 2



### The Next Generation Is Here

- Up to 10% reduction in total scan time
- Highest NEMA sensitivity in the industry
- Up to six minute less radiation exposure per day
- Highest clinical NECR, outstanding FOV coverage
- LightBurst PET Detector which reduces scan times in half
- Q.Clear provides 2x improvement in accuracy and image quality
- AutoIN - automated remote landmarking and table positioning

## Discovery MI Gen 2



### Next Generation. Even More In Sight

- 50 percent reduction in scan time
- Reduce up to 11 minutes of patient setup time
- 67% improvement in lesion volume measurements
- AutoIN - automated patient positioning using console
- High quality clearer images with MotionFree technology
- Digital detectors scalability from 15 cm FOV up to 30 cm FOV
- Highest NEMA sensitivity of any PET/CT system in the industry
- Q.Clear improves PET quantitation accuracy (SUVmean) up to 2 times

## Discovery MI DR



### Experience The Full Potential of Two Modalities

- Compatible with advanced digital solutions
- 75% less downtime optimizing labour productivity
- Digital-detection-ready platform secures your investment
- Up to 82% reduction in CT dose with ASiR-V, at same image quality
- Q.Clear allows up to 2x improvement in accuracy and image quality
- High PET sensitivity and count rate performance to image all tracers
- Smart MAR Increase the number of CT scans of patients with metal implants

## NM/CT 860



### The Ideal Balance of CT Performance and Clinical Capability

- Reduce dose or scan times by up to 25%
- ASiR™ helps to achieve your low-dose CT needs
- Evolution technology reduces scan time or patient dose up to 50%
- SwiftScan Planar and SwiftScan SPECT improved small lesion detectability
- Exceptional NEMA resolution for SPECT in a detector box that is 13 cm slimmer
- Collimators optimized for high sensitivity, low septal penetration and high resolution





# CARDIOVASCULAR ULTRASOUND





## Vivid E95 (Ultra Edition)



### Premium 4D Cardiac Ultrasound System

- High resolution 24" wide LED monitor
- AFI (LV, RV, LA)
- 4D MVQ, AVQ, LVQ, RVQ, TVQ
- Auto measurement 2D
- Auto Spectrum Recognition
- Auto VQ, Flexi Light
- HD Colour, 4D Marker
- Anatomical M-mode both online & offline

## Vivid iq (Ultra Edition)



### The Power To Take You Places

- Light weight 5.2kg
- AI Auto measurement 2D
- AFI (LV, RV, LA)
- Stress Echo
- Auto EF, TT, TVI, TDI, TSI, Q-Analysis
- Auto Spectrum Recognition
- Closed surface design - allows cleaning with disinfectant solutions

## Vivid S70 (Ultra Edition)



### Robust System with 4D TEE Capability

- 21.5" wide screen HD display
- Ergonomic FlexFit design
- Auto measurement 2D
- AFI, Stress Echo, TVI, TDI, TT, TSI
- Auto Spectrum Recognition
- 12" ultra-high-resolution wide screen format
- 4D TEE Capabilities Smart standby

## Vivid T9 (Ultra Edition)



### Patient Care. Elevated.

- 21.5" wide screen HD display
- Ergonomic FlexFit design
- Intuitive control layout includes the 10.1" multi-touch screen
- Cardiac auto doppler- artificial intelligence-based tool
- AutoEF 2.0 - second-generation tool for assessing and quantifying ventricular wall motion
- Stress Echo
- AFI, TT, TVI, TDI, TSI, Q-Analysis
- Auto measure 2D
- Articulating arm



## GENERAL IMAGING ULTRASOUND



## Logiq E10



### Empowering You To Make A Difference

- 22" OLED screen
- 12" multi-touch screen
- UGAP, Micro-Vascular Imaging
- Auto Doppler Assist
- Start Assistant enables you to experience end-to-end workflow
- OB/Breast/Tyroid Tools for labelling, measuring and describing lesions, nodules, lymph nodes and parathyroid
- Acquire images in your preferred order or easily reorder images within the exam
- B-Steer + to enable enhanced visualization of the needles structure
- Multi-dimensional 2D sharewave Elastography
- "Any-Plane" function for 3D and 4D data

## Logiq S8



### Simply Amazing

- 22" LED screen
- 10" multi-touch screen
- Sharewave Elastography
- S-Agile Architecture; dynamic image acquisition for all body types
- E-Series Transducers for improved sensitivity, penetration and image uniformity
- High-Definition Speckle Reduction Imaging (SRI-HD)
- CrossXBeam; combines multiple images into one clear appearance
- Coded Harmonic Imaging for enhanced near field resolution and far field penetration
- LOGIQView facilitates excellent visualization and more clinical information
- B-Flow Imaging enables direct visualization of blood flow, without the issues of doppler

## Logiq P9



### Make It Easy. Make It Your Own.

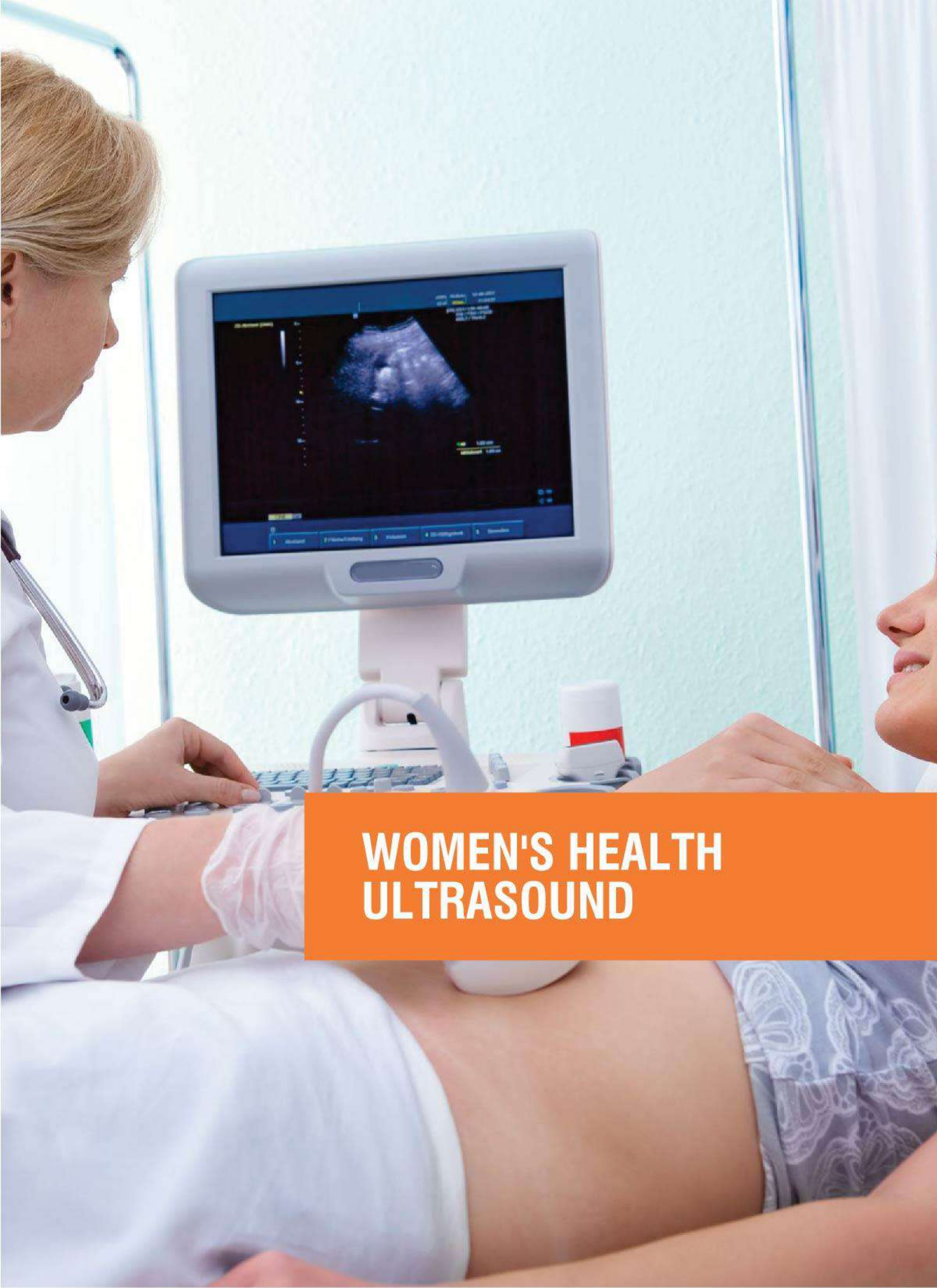
- Large 21.5" monitor and accessible 10.4" touchscreen
- Touch Control; easily adjust imaging parameters on touch panel
- Photo Assistant App; combine anatomical photos and images in same report
- HD Color - Sensitivity for visualizing small vessels and slow flow
- 2D Shear Wave Elastography - Quantitative estimate of tissue elasticity
- Remote Control App - Operate the system from an Android phone or tablet
- SoneDefense - Powerful data security features to help guard against costly breaches
- CRI, SRI, ATO, AO

GENERAL IMAGING ULTRASOUND

Empowering You To Make A Difference







## WOMEN'S HEALTH ULTRASOUND



## Voluson E10



### The Excellence You Demand The Standards You Set

- Radiantflow; delivers easy, fast visualization of even the tiniest of vessels
- SlowflowHD for blood perfusion visualizations
- HDlive™ technology suite helps easily obtain volume images with unprecedented depth and clarity
- HDRes elevates tissue differentiation, border definition and fine resolution
- eSTIC, e4D, eSnapshot to optimize Electronic 4D
- SonoCNS helps properly align and display views and measurements of the fetal brain
- XDclear™ probe technology for achieving exceptional tissue and detail resolution

## Voluson S10 Expert



### Your Expertise, Enhanced By Innovation

- Advanced VCI - Adjust slice thickness to help enhance contrast resolution
- Superb 2D and 3D/4D imaging, optimized for clarity and detail
- Vibrant visualization of anatomy and function with advanced color Doppler
- HDlive™ technology suite; gets volume images with unprecedented depth and clarity
- Consistent image quality even in the most difficult to image patients
- SonoVCAD™ heart for essential views of the foetal heart from a single STIC volume
- 3D Printing for rapid clinical prototyping, and parent bonding
- Advanced VCI - adjusts slice thickness to help enhance contrast resolution

## Voluson P8



### Women's Health Imaging Simplified

- Excellent clarity and detail in 2D images
- Expand clinical confidence with 3D/4D technology
- Advanced Color Doppler for superb sensitivity into anatomy and function
- Consistent imaging even in difficult-to-image patients
- Sono-automation technologies
- SonoRenderlive facilitates 3D and 4D rendering

## Voluson SWIFT+



### This Changes Everything

- 21.5" High resolution full touch interface LED
- Voluson care architecture, Light Weight and manoeuvrable
- Sonolyst Improve quality and simplify fetal Anatomy Scans
- Sono FHR for auto fetal heart rate measurement
- Son biometry (HC,BPD, AC, FL, HL, CM Vp and cerebellum) Auto measurement
- Uterine trace to obtain coronal plane of uterus
- SonoCNS helps properly align and display views and measurements of the foetal brain
- Battery Backup





## PRIMARY CARE ULTRASOUND





## Versana Balance



### Care with Confidence

- 21.5" LED Display
- CrossXBeam and SRI-HD to define structure borders clearly
- Height-adjustable console
- Broad range of probes
- Multiple ports to support a wide variety of exams
- Make automatic 2D measurements
- Scan Coach; 3D animation, illustrations and reference images to find the correct scan plane
- Voice comments; capture recorded voice comments overlaid on images
- Myocardial Doppler for imaging with colour overlay on the tissue image

## Versana Premier



### Powerful. Versatile. Productive.

- 21.5" LED Display with 9.9" touch screen
- Height-adjustable console
- Gel warmer
- Wizz function for easy image quality optimization
- Needle Recognition clarifies the precise location of the needle point
- Tricefy Uplink; send images to the Tricefy cloud wirelessly for consultation
- TruScan to review and analyse images
- Myocardial Doppler for imaging with colour overlay on the tissue image
- Tomographic Ultrasound Imaging (TUI) to assess slices within a volume

## Versana Active (Portable)



### Advanced Capable. Adaptive.

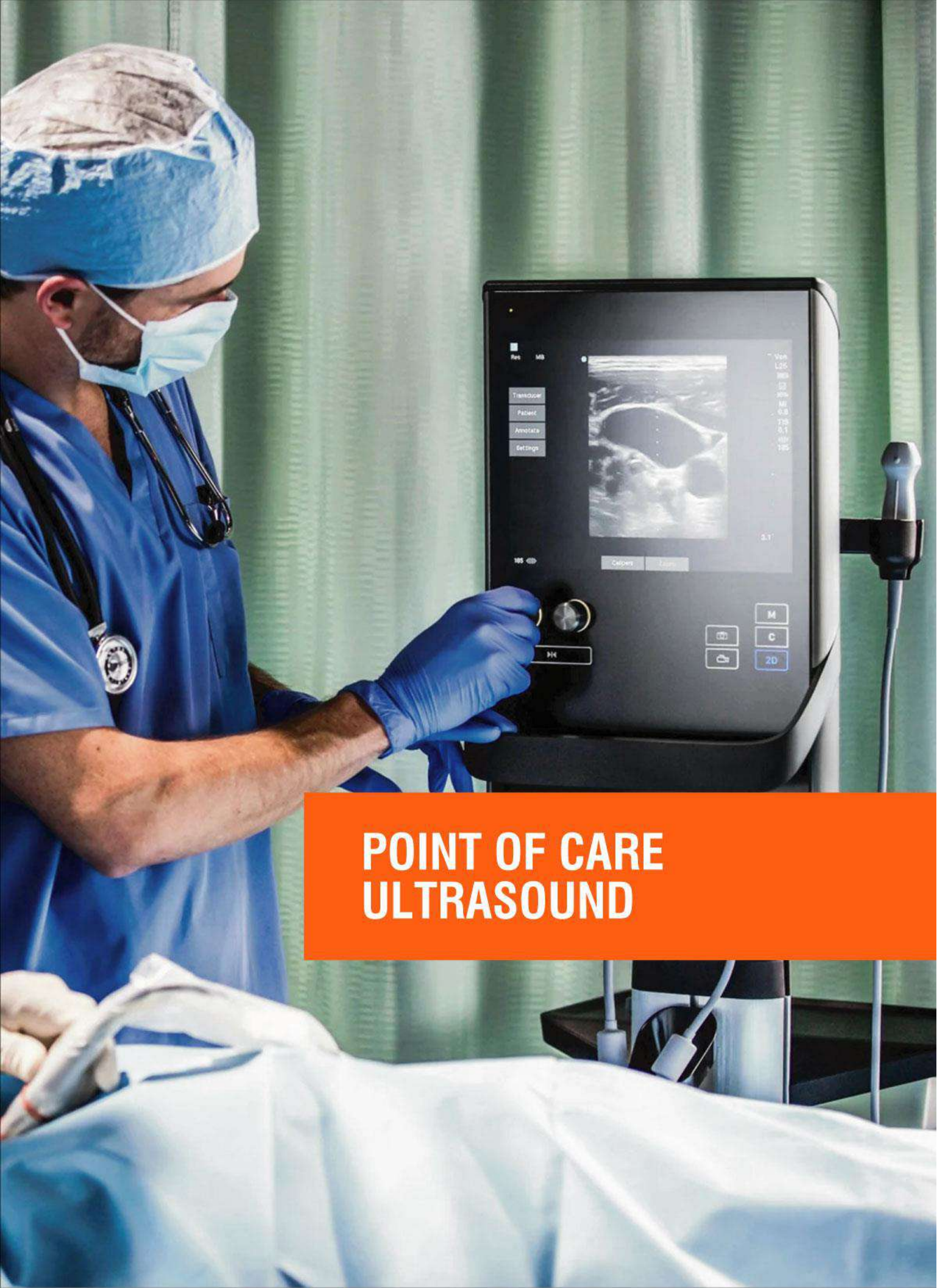
- Lightweight (5KG with built in removable battery)
- New image processor with faster frame rates and updated algorithms
- Follow-up Tool to compare the current and prior exams side-by-side
- Wizz function for easy image quality optimization
- Scan Assistant- lets you create standardized exam protocols
- Scan Coach - contextual reference tool for scan plane acquisition

## Versana Essential



### Easy To Use. Easy To Own.

- Automated measurement of IMT
- Wizz function for easy image quality optimization
- Small footprint and lightweight
- Simple and fast to use with automated calculations
- 17.3" 16:9 LED Monitor
- 3 active probe connectors
- Color Doppler
- Scan Coach - real-time reference information to help locate the correct scan plane



## POINT OF CARE ULTRASOUND





## Venue 40 (Portable)



### Surprisingly Easy To Use

- PDI highlights vascular sensitivity
- PDI quantification for diagnosis and monitoring
- Choose from three probes - always connected - for quick access
- Intuitive, pre-configured application settings
- Intuitive touch interface
- Respond fast with quick boot-up
- Adjustable height and screen

## Logiq e (Portable)



### See Clearly. See Quickly. Guide Precisely

- Optimized for head and neck, permitting right-out-of-the-box imaging
- Probe versatility - use a single probe for many applications
- Simple documentation; one click sends images to multiple storage locations
- Compact and battery-operated, easily move from patient to patient
- LOGIQ e pre-sets help simplify the selection of the right system settings for each application
- Precise visualization of low and slow blood flow and accurate imaging of vascularity

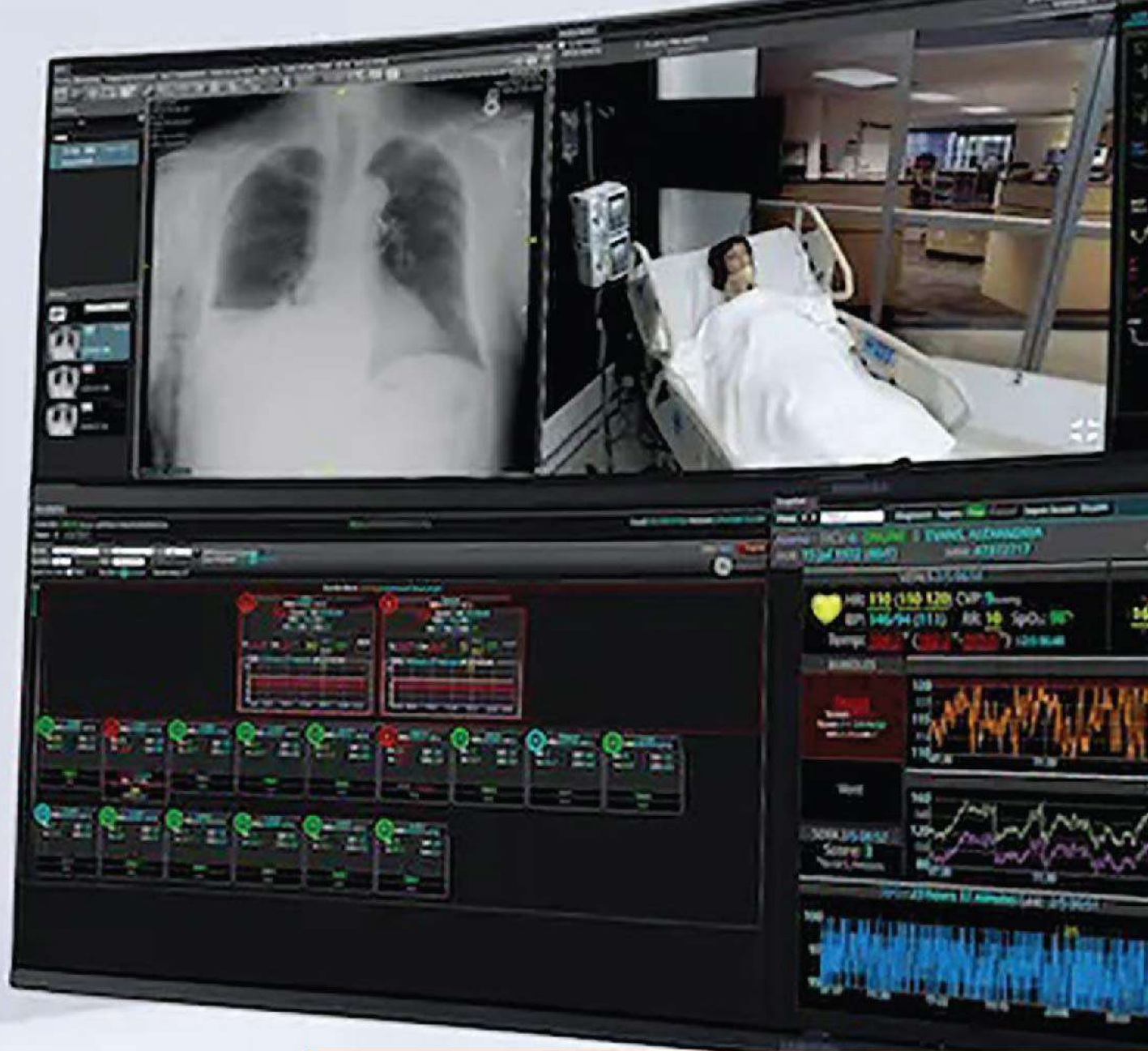
## Vscan Access (Handheld)



### Assessing Risk. Expanding Reach.

- Intuitive touchscreen
- Gesture-based control
- Clinical protocols and automated controls
- Damage-resistant screen
- Drop-tested dust-proof exterior
- Battery-powered
- Lightweight for portability
- Scan Coach tool to help optimize scan plane and probe position
- Growth tracking software to display foetal development over time
- Bluetooth® for wireless data transfer and mHealth applications





**ANESTHESIA SYSTEMS**

**VENTILATOR SYSTEMS**





# ANESTHESIA SYSTEMS

## Carestation™ 650



### Sleek. Smart. Scalable

- Small Footprint: mobility & rugged durability
- Simple & fast guided daily checkout process - as fast as three minutes
- Intuitive flat menu UI & ergonomic touches
- Easy disassembly & cleaning
- Easy manoeuvrability; wall-mount, pendant-mount, and trolley mounting options
- Unique ecoFLOW technology: Controls the usage of anaesthetic agents, thereby reducing impact on patients and the environment
- 67% increase in Respiration Rate (RR) measurement range
- 100% increase CO<sub>2</sub> & O<sub>2</sub> measurement accuracy RR range

## 9100c NXT



### The Anaesthesia Workstation Which Gives You Peace of Mind

- Precise-Enables you to effectively deliver anesthesia & foster seamless recovery
- Versatile-Scalable across a wide range of patient groups & surgical procedures
- Dependable-Based on GE/Datex Ohmeda's legacy of 100+ years of innovation & trust

## Carestation 30



### Dependable, Intuitive, Affordable Anesthesia Delivery

- Focus more on your patient and less on your anesthesia device, with a precision mechanical ventilator that delivers accurate tidal volumes
- Quickly recognize critical patient information and respond to changing patient conditions
- Experience legendary Datex-Ohmeda reliability and performance at an affordable price
- Performs automatic leak test at machine start-up to identify the exact quantity of leaks
- Dependable solution: Comes in both volume control and manual Ventilation modes
- Improved affordability; practice Low Flow anaesthesia with confidence, and save on fresh gas and agent costs
- Uninterrupted care with optional extended battery-life of up to 360 minutes
- Innovative mechanical ventilation with pre-set tidal volume



## Carescape™ R860



### A Touch of Brilliance

- User-friendly interface-provides menu-free navigation, different workspace for different users, and unique timeline view
- Advanced lung protection apps
- Nutritional assessment; avoids malnutrition, reduces infection rate, and facilitates early weaning for improved patient outcome
- Spontaneous Breathing Trial to help assess the preparedness of weaning and the need for mechanical ventilation

GE Healthcare

The logical path  
to Lung Protection  
CARESCAPE® R860







## MATERNAL & INFANT CARE PATIENT MONITORS

## Lullaby™ Warmer



### Because Every Baby Deserves A High Standard of Care

- Advanced technology; uses Calrod-like technology and LED-based light
- 69% faster warmup enables stress-free new-born arrival
- Higher cost savings an account of lifetime Calrod warranty, lower wattage and rugged probes with lower failure rates
- Uniform heat distribution ensures easy positioning of the baby
- Walls of Warmth Technology ensure that no heat spills over

## Lullaby™ LED PT



### Excellent Clinical Performance And A Lifetime Of Savings

- Provides optimal wavelength, high irradiance, and uniform light distribution for 28% faster bilirubin breakdown
- Minimizes noise and light-spill to create an ideal environment that fasters development
- Offers easy manoeuvrability, removable head, adjustable height and omnidirectional small wheels for worry-free operations, everyday
- Low Total Cost of Ownership
- 50000hrs Lamp life which means 6 years of continuous operation and economic benefits

## Coro 170 Series



### Delivering Reliable And Accurate Foetal Monitoring

- Multiple screening options- offers single (Coro 171), twin (Coro 172) and both single and twin (Coro 174) foetal monitoring
- Offers an optional mobile roll stand cart for easy transportation
- Ease of use: Dual, 9-crystal Nautilus (tm) watertight ultrasound transducer permits external monitoring of twins' Independent volume controls
- Healthcare Mini Telemetry interface lets you monitor your patients even while they're ambulatory.
- Centricity™ Perinatal (CPN) compatibility lets you capture and achieve your patient's data

## Giraffe™ OmniBed Carestation™



- Provides the accessibility of a warmer and the protective environment of an incubator
- Reduces stress and increases comfort for the baby
- Reduces temperature fluctuations by 80% • Helps optimize fluid management
- Allows easy repositioning of the baby, reduces negative touch and stimulation and helps improve procedural success
- Comes with 10.4" color display touchscreen that streamlines information, controls the environment, and allows for customization of screens
- Allows caregiver to turn off alerts with just a wave of the hand
- Displays important parameters, such as body weight, temperature and humidity for easy monitoring
- Allows communication with electronic healthcare records and Hospital Information Systems

## Giraffe Warmer



- An innovative recessed heater design lets you easily access your patients with more room in tightly spaced areas while keeping them warm.
- Turn Giraffe Warmer on well in advance without any alarms so you know the bed will be warm when you're ready to admit your patient.
- Full-color control panel is readily accessible and easy to use.
- Recessed heater head with Hourglass Heat Profile focuses heat to provide uniform coverage across the mattress. Allows clinician to stay cool while the baby stays warm and content.





# PATIENT MONITORS

## B1X5 Patient Monitors



### Simple. Flexible. Reliable

- Available Monitor Size: 10.1" & 12.1"
- Robust design: Performs exceptionally well even in harsh work environments
- Comes with the latest electrical safety standards (EMC 4th Edition) compliance
- Accurate and reliable monitoring with EK-Pro v14 Arrhythmia Algorithm, DINAMAP SuperSTAT, and SpO2
- Simple user-interface - capacitive touchscreen, trim knob, seven preconfigurable workflow settings
- Reliable clinical tools to acquire, monitor, and interpret patient data
- Helps effective monitoring by tracking the National Early Warning Score (NEWS)
- Supports connectivity and operations across hospitals through GEHC's CARESCAPE networks, Mobile Care Web Viewer, and other monitors

## CARESCAPE™ Central Station



### Powerful insight. Streamlined design.

- Versatile system; offers common central station for all GE multi-parameter monitors
- Review monitor data; gives you the ability to remotely manage patient monitors, including viewing active or historic data and configuring settings on the monitor
- Advanced monitoring; wide 21" (16:9) monitor screen that displays more waveform information than a conventional 4:3 screen
- Full disclosure; review records of up to six days (144 hours) and post-discharge data
- Alarm management; provides exceptional alarm configurability to help you limit nuisance alarms, fight alarm fatigue, and create quiet spaces for optional healing
- Trend analysis; allows users to review up to 72 hours of trended data (depending on monitoring device configuration)





**DIAGNOSTIC  
CARDIOLOGY SOLUTIONS**

**CENTRICITY SOLUTIONS**





## CASE™ T2100ST2



### Advanced Performance and Reliability In Exercise Testing

- Comes with stop modes that are always available, for better control
- Delivers smooth, quiet operation that facilitates accurate stress testing acquisition-even at high workloads
- Communicates bidirectionally with other systems and ensures device and procedural accuracy
- Provides accurate results using Marquette\* 12SL ECG analysis and 15-lead stress tests
- Better signal quality with digital acquisition module to digitize and reduce signal noise
- Improved risk prediction with algorithms such as Duke Treadmill Score, patented T-wave Alternans, and Heart-Rate recovery
- Easy accessibility; Local Area Network (LAN) connectivity and patient data storage in a central database

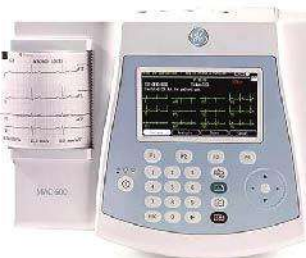
## MAC™ 2000



### Simple is Better

- Better connectivity with LAN, Wi-Fi, Modem, Serial port, and SD card connectivity
- Easy readability with a 7" colour display and on-screen preview, including 12 waveforms and ECG results
- Improved sensitivity; uses gender-specific interpretation algorithm to provide better detection of Acute Myocardial Infarction in women
- Enhanced workflow: Offers access to EMRs, CS Diagnostic System, and MUSE\* ECG Management systems
- Automatic capture of 10-second ECGs with one-touch operation Marquette 12SL ECG analysis program for clinical decision support

## MAC™ 600



### Simple is Better

- Faster patient testing; comes with a Hookup Advisor that indicates the accuracy of the signal and avoids repeat scans
- Portable storage; allows easy access to ECG test results through SD cards
- Confident diagnoses; uses the clinically proven Marquette\* 12SL to provide in-depth analysis and reasoning statements

## MAC™ 5



### Simple is Better

- ECG in up to 31% fewer steps
- 85% of users agree that they need minimal training
- Send the results anywhere online, quickly and securely
- Accommodate your workflow with ease.
- Help make critical diagnoses
- Provides exceptional clinically validated decision support
- Seamlessly connected; continuously protected
- Take a holistic approach to safeguarding data

## MAC™ 7



### Simple is Better

- Identifying signal quality
- Acquiring the highest quality ECG automatically
- Displaying it in high resolution
- Ready for print and transmission
- To help minimize IT challenges and ease connectivity, MAC 7 was designed to integrate smoothly into your ecosystems using industry standard interfaces.
- Mac 7 helps user drive facility security; minimizing the attack surface, only talking to recognizable things, always updating, a smarter USB connection
- Protect data integrity; all patient data encrypted, username and password authentication, including LDAP, secure network connections by only talking to recognized devices

## SEER™ 1000



### Real Quality Doesn't Miss a Beat

- Reduces chances of poor data collection and guides the hook-up process, ensuring better lead placement and clear view of signal quality
- Easy recording; includes three color-coded recorders for 24-hour, 48-hour, and 3-day studies
- Comfortable design; allows your patient to continue with their regular routine while the data is being captured

## SEER™ 12



### Capture Vital Data

- Uses a 12-channel ECG at 1,024 Hz sample rate, pacemaker detection, convenient data storage, and 8-lead on-screen display to obtain high-quality data
- Improves user experience with easy-to-understand graphics and a single-button recording option
- Reliable recording; detects any electrode failure with a continuous open-lead monitor







## Centricity High Acuity Anesthesia



### Designed for You to Connect Intelligence With Care

- Prepare and manage resources and priorities via Anesthesia schedule and unit view
- Minimize documentation time via worklist and device integrations
- Improve outcomes: Reduce preventable adverse events via risk assessment tools
- Generate insight and drive continuous improvement via Analytics framework
- Up to reduction 84% in medication dose, route errors
- Helps reduce delays in procedure due to incomplete information
- 28 hours of clinical staff time gained per week

## Centricity High Acuity Critical Care



### 360° of Actionable Clinical Insights

- Automated multi-source documentation with clinically relevant data visualization
- Diagnostic and clinical decision support
- Care prioritization via intelligent notifications
- Continuity of care between critical care and anesthesia
- 19% reduction in patient length of stay
- 23% increase in patients discharged
- Time saved equivalent to 17.5 FTE nursing staff per year





**ULTRASOUND SONOGRAPHY &  
PATIENT MONITOR ACCESSORIES**





# ULTRASOUND SONOGRAPHY ACCESSORIES

## M5Sc-D Probe



### Features

**Bandwidth:** 1.5 - 4.6 MHz

**Applications:** Cardiac, pediatric, abdominal, fetal heart, cranial, coronary, stress

**Footprint:** 17 X 26 mm

**Field of View:** 120°

**Biopsy Guide:** Multi-angle disposable with a reusable bracket

**Additional Features:** XDclear Active Matrix Single Crystal Phased Array Transducer. Contrast Low MI, LVO Stress, LVO Contrast Applications.

## 3sc-Rs Probe



### Features

**Bandwidth:** 1.3 - 4.0 MHz Scanner Frequency Range

**Footprint:** 18 x 24 mm Footprint

**Applications:** Adult Cardiac, Abdomen, Pediatric, Renal and Transcranial

**Field of View:** 90° Field of View

**Biopsy Guide:** Multi-angle, disposable, with a reusable bracket

## Universal Alphanumeric Keyboard



### Features

- All buttons have correct feel and function
- All keys on an keyboard send correct HID codes
- An keyboard light function
- Reliability

## BEP Board



### Features

- Good dimensional stability
- High quality
- Highly reliable and durable
- High-speed PCBA design

ULTRASOUND SONOGRAPHY  
ACCESSORIES



# ULTRASOUND SONOGRAPHY ACCESSORIES



## Trackball with Cable



### Features

- Effective dust seal
- USB compatible
- Increased lifespan
- Easy to install
- Easily portable
- Lightweight
- Easy to clean
- RoHS compliant
- Chemical resistant
- It operates with good linearity
- Low environmental impact
- Enhanced durability

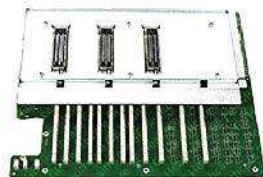
## Operator Panel



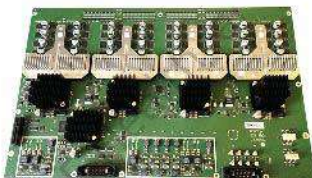
### Features

- Smooth corners and curves
- Trackball can control both X and Y direction
- Encoders has correct detent feel and can control counter in both directions
- Sliders gives the entire value range

## Probe Board



## RFM Mainboard







# PATIENT MONITOR ACCESSORIES

## ECG Trunk Cable with 3/5-Lead Connector AHA, 3.6 m/12 ft



### Features

- Standard ECG cables are available in 3/5-, 6- and 12-lead configurations. Additional specialty cables include a 3-lead neonatal DIN and a 3/5- lead cable with electro-surgical unit (ESU) filtration for operating rooms.
- Cables are electrically shielded to protect ECG signal integrity.
- Chemical-resistant jacketing extends cable life, facilitates cleaning and remains flexible to withstand bending and twisting and enhance patient comfort.
- A standardized interface allows patients to be easily moved from one monitoring application to another.

## ECG Leadwires Set 5-lead, grabber, AHA, 74 cm/29 in



### Features

- Chemical-resistant jacketing extends service life, facilitates cleaning and remains flexible to withstand bending and twisting and enhance patient comfort.
- The leadwires are fast and easy to apply with clearly labeled, colorcoded snaps and grabbers. Reusable leadwires can help improve efficiency in patient transfers by allowing patients to wear only one dedicated leadwire set throughout their hospital stay, if the facility is completely standardized.
- GE ECG wires are available in 3-, 4-, 5-, 6- and V-lead configurations.
- Leadwires are electrically shielded to protect ECG signal integrity.

## ECG Leadwire set, 5-lead grouped, snap, AHA, 74 cm/29 in



### Features

- Chemical-resistant jacketing extends service life, facilitates cleaning and remains flexible to withstand bending and twisting and enhance patient comfort.
- The leadwires are fast and easy to apply with clearly labeled, colorcoded snaps and grabbers. Reusable leadwires can help improve efficiency in patient transfers by allowing patients to wear only one dedicated leadwire set throughout their hospital stay, if the facility is completely standardized.
- GE ECG wires are available in 3-, 4-, 5-, 6- and V-lead configurations.
- Leadwires are electrically shielded to protect ECG signal integrity.

## Invasive Blood Pressure IBP Dual Adapter Cable, 30 cm/1 ft.



### Features

- Tested and verified to function with multiple GE monitoring equipment.
- Easy hookups with slim-profile connector, fish-tail molded strain relief, and color-coded parameter.
- Premium materials keep cables from tangling or curling while in use or in storage.
- A molded connector assembly helps keep the cable flexible and prevent ingress of fluids.

## IBP Cable, ICU Medical Transpac-IV, Dual, 3.6 m/12 ft.



### Features

- Tested and verified to function with multiple GE monitoring equipment.
- Easy hookups with slim-profile connector, fish-tail molded strain relief, and color-coded parameter.
- Premium materials keep cables from tangling or curling while in use or in storage.
- A molded connector assembly helps keep the cable flexible and prevent ingress of fluids.

## Pulse Oximetry- TruSignal™ Integrated SpO2 Reusable Sensor, GE, Finger Tip, Adult, 4m



### Features

- Connector design and high-quality cable materials make cables resistant to fraying and kinking
- Both cables and sensors are drip proof as well as able to withstand frequent disinfections
- Connectors are small and easy to operate and cables are durable and flexible
- Sensors and cables are not made with natural rubber latex or known environmental contaminants

## Pluse Oximetry-TruSignal SpO2 TruSignal™ SpO2 Reusable Sensor, Finger, Adult/Pediatric, 1m



### Features

- Connector design and high-quality cable materials make cables resistant to fraying and kinking
- Both cables and sensors are drip proof as well as able to withstand frequent disinfections
- Connectors are small and easy to operate and cables are durable and flexible
- Sensors and cables are not made with natural rubber latex or known environmental contaminants

## Pluse Oximetry-TruSignal SpO2 TruSignal™ SpO2 Wrap Sensor



### Features

- Connector design and high-quality cable materials make cables resistant to fraying and kinking
- Both cables and sensors are drip proof as well as able to withstand frequent disinfections
- Connectors are small and easy to operate and cables are durable and flexible
- Sensors and cables are not made with natural rubber latex or known environmental contaminants





## ANESTHESIA RESPIRATORY CARE & DIAGNOSTIC CARDIOLOGY

## AMSORB Soda Lime Absorber Canister, 1.0L



### Features

- Color Indication you can trust
- Designed for low flow anesthesia
- Eco-friendly

## Soda Lime Jerican, 5.0L



### Features

- Color Indication you can trust
- Designed for low flow anesthesia
- Eco-friendly

## Filter & Breathing Masks HMEFs Adult, Pediatric, Neonatal Disposable



### Features

- Variety of filter medias available providing a high degree of efficiency
- All HMEFs and Filters include Luer Port for easy gas sampling with tethered cap to eliminate risk of misplacement
- Lightweight designs reduces drag on breathing system
- Round ergonomic shape with no sharp edges reduces pressure marking

## HEPA FILTER, Adult, DISPOSABLE



### Features

- Variety of filter medias available providing a high degree of efficiency
- All HMEFs and Filters include Luer Port for easy gas sampling with tethered cap to eliminate risk of misplacement
- Lightweight designs reduces drag on breathing system
- Round ergonomic shape with no sharp edges reduces pressure marking





## Patient Breathing Circuit Patient Circuit, Pediatric, Disposable



### Features

- Disposable breathing circuits may help reduce cross-contamination
- Available in a wide variety of tubing styles, components and configurations to meet your specific needs

## Patient Circuit, Adult, Disposable



### Features

- Disposable breathing circuits may help reduce cross-contamination
- Available in a wide variety of tubing styles, components and configurations to meet your specific needs

## Angled Swivel Connector Adult, Reusable



## Exhalation Valve Assembly with Respiratory Flow Sensor, Reusable



### Features

- Integrated flow transducer exhalation valve assembly
- Suitable for adult and pediatric patients
- Good chemical resistance
- High strength and stiffness

## ECG Value Cable 10-Lead Cable / LDWR AHA



### Features

- Durable
- Easy to use

## Leadwire Set, Base 10 Grabber, IEC



### Features

- Resistant jacketing extends cable life, facilitates cleaning and remains flexible to withstand bending and twisting and enhance patient comfort
- The leadwires and adaptors include color coding and labels on both ends to reduce the errors in setting up the leadwires and save time to the clinician to focus on patient care
- Leadwires are electrically shielded to protect ECG signal integrity
- CE Mark and American Heart Association (AHA) standards

## ECG paper (Thermal) A4, z-fold 150 sheets - Switzerland



### Features

- Papers available in rolls or z-fold boxes, blank or with gridlines
- Some papers feature multiple chart versions offered with BPM scales for various patient types
- Large space for entering patient data on certain papers
- Indicators for end of pack and end of roll signal time to change paper







## DIAGNOSTIC CARDIOLOGY

### ETT paper A4 size, z-fold 300 sheet - USA



#### Features

- Many papers are available in multiple formats.
- Features a warm red or green grid for superior trace readability
- Multiple versions of fetal charts are available with a variety of BPM scales.
- End-of-roll and -pack indicator reminds users to change paper.
- Carton and paper stiffeners, where included, are manufactured with recycled materials.

### Reusable Value Bulb Electrode



### Clamp Limb AHA Value





# Medtronic

**Medtronic Surgical Suture**

**Medtronic Hernia**

**Medtronic EBD**

**Medtronic EMID**

**Medtronic ENT**

**Coronary Stents**

**Coronary Balloons**

## Medtronic

Further Together

### Country of Origin: USA

Medtronic was founded by Earl Bakken and his brother-in-law Palmer Hermundslie in 1949.

- One of the largest world's largest medical technology and solutions provider.
- Medtronic changed the lives of more than 72 million people worldwide last year
- Medtronic Therapies Impact Two Lives Per Second
- 1,700+ Clinical Professionals
- Medtronic Bangladesh started its direct operations in Bangladesh in 2012
- 90,000+ Employees
- 11,600+ Scientists and Engineers
- 49K+ Total patents in portfolio
- 150+ Countries
- 79+ Manufacturing Sites
- 43+ Lab and R&D Sites
- 19+ Distribution Sites
- 370+ Clinical Trial Last Year
- More than \$2.5 Billion R&D Investments





## Surgipro™ Monofilament Sutures



### Brand: Medtronic (Covidien)

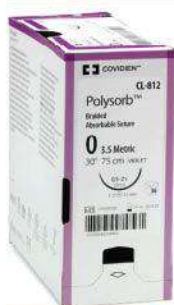
Uncoated Surgipro™ sutures (clear or pigmented) are inert, nonabsorbable, sterile sutures composed of an isotactic crystalline stereoisomer of polypropylene (a synthetic linear polyolefin) and polyethylene.

The advanced extrusion process of the polypropylene molecule gives the suture:

- Uniform diameter
- Maximum flexibility of the strand
- Excellent security with snug and flattened knots
- Minimal memory and reduced "pig-tailing"
- Consistent knotting strength

Surgipro™ polypropylene sutures are indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic, and neurological surgery.

## Polysorb™ Absorbable Sutures



### Brand: Medtronic (Covidien)

Polysorb™ sutures are composed of Lactomer™ glycolide/lactide copolymer, which is a synthetic polyester composed of glycolide and lactide (derived from glycolic and lactic acids). They are prepared by coating the suture with a mixture of a caprolactone/glycolide copolymer and calcium stearoyl lactylate. The sutures are colored violet to increase visibility and are also available undyed.

The advanced extrusion process of the molecule of Lactomer™ 9-1, the exclusive braiding process and coating system, give the suture:

- Excellent strength over the critical wound healing period
- Excellent knot security
- Excellent handling
- Predictable absorption profile

Polysorb™ sutures are indicated for use during surgical interventions, including ophthalmic surgery for the purposes of soft tissue approximation and/or ligation.

## Maxon™ Monofilament Absorbable Sutures



### Brand: Medtronic (Covidien)

Maxon™ synthetic absorbable sutures are prepared from polyglyconate, a copolymer of glycolic acid and trimethylene carbonate.

The advanced extrusion process of the molecule of polyglyconate gives the suture:

- Excellent in-vivo strength retention
- Excellent knot tying security

Maxon™ synthetic absorbable sutures are indicated for use in general soft tissue approximation and/or ligation, including use in pediatric cardiovascular tissue, where growth is expected to occur, and in peripheral vascular surgery. They are not indicated for use in adult cardiovascular tissue, ophthalmic surgery, microsurgery, and neural tissues.

## Dexon™ Sutures



### Brand: Medtronic (Covidien)

DEXON™ II coated, braided synthetic absorbable sutures are composed of the homopolymer of glycolic acid and coated with polycaprolate, a copolymer of caprolactone and glycolide.

**Characteristics:** The advanced manufacturing process of the molecule of polyglycolic acid and the coating with polycaprolate give the suture:

- Excellent strength over the critical wound healing period
- Excellent flow through tissue
- Uniform diameter
- Predictable absorption profile



## V-Loc Wound Closure Device-Barbed Sutures



### Brand: Medtronic (Covidien)

The V-Loc™ wound closure device is a revolutionary technology that eliminates the need to tie knots, so you can close incisions up to 50% faster without compromising strength and security.

Its dual-angle barbs allow suture to pass smoothly through tissue in one direction - but prevent it from slipping back through soft tissue.

The barbs hold wound surfaces together and distribute tension along the entire length of the suture, without needing knots to secure the wound.

Designed for secure, fast, and effective incision closure for your patients.

The V-Loc™ wound closure device may deliver superior wound healing when compared to conventional suture in the initial 7 days.

#### The V-Loc™ device:

- Eliminates knots and consequently, the potential risks of knot-related complications
- Evenly distributes tension along the wound
- Demonstrates significant reduction in suturing time and less operative time compared to non-barbed sutures
- Has a unique dual-angle cut and barbing pattern that create a strong anchoring barb

## Flexon™ pacing wires



### Brand: Medtronic (Covidien)

**Structure:** multifilament

**Suture Type:** non-absorbable

**Composition:** stainless steel

**Coating:** FEP polymer, or PTFE polymer

**Absorption Profile:** permanent

**Indications:** Flexon™ suture temporary cardiac pacing lead is indicated for use in temporary atrial and ventricular pacing and sensing during and after cardiac surgery.

## Steel Sutures



### Brand: Medtronic (Covidien)

Stainless steel sutures are composed of 316L stainless steel conforming to ASTM Standard F138 Grade 2 "Stainless steel bar and wire for surgical implants".

Steel sutures are the most inert among all suture materials and provide maximum tensile strength.

They are indicated for use in abdominal wound closure, intestinal anastomosis, hernia repair, sternal closure and also for certain orthopedic procedures (cerclage or tendon repair).







## ProTack™ Fixation Device (PROTACK 5MM DISP IN)



### Brand: Medtronic (Covidien)

The ProTack™ 5 mm fixation device is a sterile, single use device for fixation of prosthetic material, such as hernia mesh, to soft tissue. The tack is helical and made of titanium. The ProTack™ device comes in a 30 tack configuration.

## AbsorbaTack™ Fixation Device (ABS FIXATION DEVICE 30 TACKS)



### Brand: Medtronic (Covidien)

The AbsorbaTack™ 5 mm fixation device is a sterile, single use device for fixation of prosthetic material, such as hernia mesh, to soft tissue. The tack is constructed of an absorbable synthetic polyester copolymer derived from lactic and glycolic acid. AbsorbaTack™ is offered in a long version for laparoscopic techniques in both 15 and 30 tack configurations, as well as a short version for open hernia repair in a 20 tack configuration.

### FEATURES

#### Designed with patient comfort in mind:

- Leaves no foreign material behind over time
- No metal required for fixation
- Supports a minimally invasive approach through 5 mm shaft and easy-to-use design

#### Fixation strength:

- Provides strong temporary mesh fixation, with retention strength comparable to the ProTack™ fixation device at 1 week and 2 months in an animal model

#### Peace of mind:

- Reduces the likelihood of inadvertent needle sticks in the OR, since no sharp piloting needles are required for deployment
- Potentially fewer adhesions than permanent tack fixation based on a preclinical study
- Violet tack with black-dot visualization feature to optimize visibility

## Symbotex™ Composite Mesh



### Brand: Medtronic (Covidien)

Symbotex™ composite mesh provides surgeons improved ease of use, with easy mesh deployment and placement within the abdominal cavity. It also brings optimal performance for patients with excellent tissue integration and minimized visceral attachments.

Symbotex™ mesh is available in a large variety of shapes and sizes for laparoscopic hernia repair, with specific subranges dedicated to laparoscopic and open surgery.

### FEATURES

#### Smart Design: Innovative mesh features for streamlined performance

- Established bioabsorbable film technology with impressive resistance to surgical handling
- Comprehensive shape and size portfolio for small, medium, and large defects

#### Smart Handling: Experience simplicity in hernia repair

- Designed for easy mesh deployment
- Abdominal wall clinging effect for simplified mesh placement

#### Smart Repair: Designed to offer patients optimal hernia repair performance

- Good level of neoperitonization and better minimizing tissue attachment compared to Physiomeshtm\* flexible composite mesh and Ventralighttm\* ST mesh
- Helping to meet physiological needs through balanced mesh mechanical properties



## Parietex™ Optimized Composite (PCOx) Mesh



### Brand: Medtronic (Covidien)

Parietex™ Optimized Composite (PCOx) mesh offers a resorbable collagen barrier on one side to limit visceral attachments and a three-dimensional polyester knit structure on the other to promote differentiated tissue ingrowth and ease of use.

Based on the proven performance of original PCO, PCOx is the next generation of Parietex™ Composite mesh. It is engineered to better address surgeon and patient needs in laparoscopic ventral hernia repair. The new design incorporates a more resistant barrier and a proprietary textile design with better visibility and increased strength.

PCOx mesh promotes rapid abdominal wall integration, minimizes visceral attachments and facilitates strong tack fixation.

## Surgipro™ Monofilament Polypropylene Clear Mesh



### Brand: Medtronic (Covidien)

The Covidien Surgipro Flat Mesh is a nonabsorbable, polypropylene surgical mesh exhibiting high burst strength and tensile strength. The mesh is meant for Open and Laparoscopic Inguinal Hernia Repair and is also required for Open Ventral Hernia Repair. It allows for ease of handling and position. It features excellent visibility and retains properties in-vivo. The surgipro polypropylene open weave is nonabsorbable, inert, sterile, porous surgical mesh knitted from monofilament fibers of polypropylene polymer. The surgipro multi-filament polypropylene is a traditional monofilament construction.

## Parietex™ Flat Sheet Mesh



### Brand: Medtronic (Covidien)

Parietex™ flat sheet mesh comes in both 2D weaves (TEC) and 3D weaves (TET) designs.

The 3D weave is a lightweight, macroporous mesh but has a design that provides softness. This 3D weave allows for compliance and isometric movement with the patient. Its macroporous nature provides optimal cell ingrowth.

All Parietex™ products are created from a macroporous polyester material whose properties invite healthy tissue integration and mesh compliance while reducing encapsulation.

## Parietene™ Macroporous Mesh



### Brand: Medtronic (Covidien)

Parietene™ Macroporous Mesh has been designed for a surgeon's ease of use during hernia repair procedures. A Polypropylene microporous based mesh. While there are many options when it comes to hernia repair, we continue to lead the way in developing hernia repair products that strike the right balance between performance, ease-of-use and cost-effectiveness.

Parietene™ macroporous mesh is one of our latest high-quality mesh that helps facilitate seamless surgical procedures with successful patient outcomes.

**Features: Macroporous Structure:** Large pores (2.0 x 2.4 mm)

**Mechanical Strength:** Macroporous design with no compromise of strength for open inguinal and open ventral extraperitoneal hernia repair

**Balanced Knitting Construct:** Provides easy mesh handling, abdominal wall conformability and can be trimmed to size without fraying

**Surface Density:** Optimal surface density of 46g/m2

**Transparent:** Improved visualization to aid mesh placement and fixation

**Memory Shape:** The right balance between rigidity and softness





## Valleylab™ PolyHesive™ Non-Corded Patient Return Electrodes



### Brand: Medtronic (Covidien)

Valleylab™ REM PolyHesive™ single use, non-corded patient return electrodes are recognized worldwide for quality, safety, and innovative technology. All return electrodes are manufactured with our patented PolyHesive™ II high moisture, conductive adhesive hydrogel.

Proven safe in more than 200 million procedures

Valleylab™ patient return electrodes are recognized worldwide for quality, safety, and innovative technology. All return electrodes are manufactured with our patented PolyHesive™ II high moisture, conductive adhesive hydrogel that provides the performance of a gel without the gel mess.

### PolyHesive™ II hydrogel benefits

- Water-based hydrogel lowers skin resistance.
- Unique elongation fills patient skin irregularities and minimizes contact voids to improve the total electrical conduction area.

### Electrode benefits

- Surface area disperses current over large area, minimizing heat buildup.
- Acrylic adhesive improves pad contact quality and provides a moisture barrier to significantly reduce the potential for fluid invasion.
- Adult, infant (<30 lb.), and neonatal (<6 lb.) sizes available.
- Non-irritating\* and non-sensitizing\*

### REM™ contact quality monitoring system

- The exclusive Valleylab REM™ system monitors patient impedance levels, automatically deactivating the generator if a fault at the patient return electrode is detected.
- REM™ is an integral part of the Valleylab Full Circuit™ system standardization program.

## Valleylab™ PolyHesive™ Corded Patient Return Electrode



### Brand: Medtronic (Covidien)

Valleylab™ REM and Non-REM PolyHesive™ single use, corded patient return electrodes are recognized worldwide for quality, safety, and innovative technology. All return electrodes are manufactured with our patented PolyHesive™ II high moisture, conductive adhesive hydrogel.

Proven safe in more than 200 million procedures

Valleylab™ patient return electrodes are recognized worldwide for quality, safety, and innovative technology. All return electrodes are manufactured with our patented PolyHesive™ II high moisture, conductive adhesive hydrogel that provides the performance of a gel without the gel mess.

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## LigaSure™ Small Jaw Open Sealer/Divider



### Brand: Medtronic (Covidien)

The LigaSure™ small jaw sealer/divider (LF1212A), working exclusively with the ForceTriad™ energy platform, combines TissueFect™ sensing technology with hand or foot activation and an integrated cutting mechanism to create a multifunctional tissue sealing system that provides consistent, controlled tissue effect.

This instrument is designed for use in open procedures.

#### Procedural applications include:

- Ear, Nose and Throat (ENT)
- General
- Plastic/Reconstructive
- Urologic
- Thoracic

The LigaSure™ small jaw sealer and divider is an 18.8 cm (7.4 inch) vessel sealer and divider, designed to be used in confined surgical spaces where access and visibility are a necessity. The instrument has a low temperature profile and seals effectively at a cooler temperature compared to Harmonic FOCUS™.

#### FEATURES

##### The LigaSure™ small jaw sealer/divider:

- Provides an integrated cutting mechanism independent of sealing, leaving the critical cutting decisions in the hands of the surgeon
- May reduce the exchange of instruments compared to mechanical ligation
- Has a low temperature profile and seals effectively at a cooler temperature compared to Harmonic FOCUS™

LigaSure™ technology confines effect to target tissue with thermal spread <2mm on average, so you can feel more confident sealing near critical structures and dissecting around vessels.

Ligasure™ technology has been shown to significantly reduce hospital stay and post-operative drainage days compared to conventional techniques when used for axillary breast dissection. Additionally, LigaSure™ instruments may be associated with:

- Reduced procedure time, blood loss and pain compared to conventional techniques<sup>3</sup>
- Reduced operative time, perioperative blood loss, drainage volume and duration, and incidence of seroma or lymphedema

## Valleylab™ Button Switch Pencil with stainless steel hex-locking blade electrode



### Brand: Medtronic (Covidien)

Hand switching pencils are available with either button or rocker switch controls to accommodate the surgeon's preference. Switches have a high level of tactile feedback - surgeons can hear and feel the switch engage, preventing accidental activation of the device. Also available with the accessory holster and with the AccuVac™ smoke attachment.

Foot switching pencils provide exceptional versatility for general electrosurgery procedures.

## E0560 REM Patient Return Electrode 15 ft. (4.6 m) Cord, Reusable



### Brand: Medtronic (Covidien)

- Compatible with most RECQM generators
- Sold individually





## VL2610 RELIANT DISP PENCIL W HOLSTER



### Brand: Medtronic (Covidien)

Covidien Reliant single use electrosurgical pencils have been designed with the surgeon's needs in mind. They offer these features:

- Thin, flexible cord minimizes pull and reduces stress on the surgeon's hand
- Button switch has a tactile feel reducing the possibility of accidental activation
- Sealed switch protects against the possibility of fluid infiltration
- Easy to open pouch reduces inadvertent contamination

#### Core Features:

- Stainless steel - or Silicon coated blade electrode
- Holster
- 3m (10ft) or 4.5m (15ft) cord
- For Erbe ACC/ICC generators

## LigaSure™ Maryland Jaw Open and Laparoscopic Sealer/Divider with Nano-coating



### Brand: Medtronic (Covidien)

Every feature of the nonstick nano-coated LigaSure™ Maryland jaw device is designed to benefit you and patients.

We engineered our multifunctional LigaSure™ Maryland jaw device to provide efficiency throughout the procedure. Now, we've taken that efficiency to the next level - by putting nonstick nano-coating on the jaws.

#### Multifunctional flexibility

With the LigaSure™ Maryland jaw device you get the benefits of:

- A one-step vessel sealer
- A Maryland dissector for enhanced blunt dissection
- An atraumatic grasper to securely grasp tissue
- Cold scissors to leave the critical decision to cut in your hands

#### Multifunctional performance

The LigaSure™ Maryland jaw device delivers:

- Improved access compared to straight jaws
- Improved tip visualization compared to straight jaws
- A jaw designed to follow the curvature of the uterus or stomach
- Easy skeletonization of vessels
- A nonstick nano-coating for improved efficiency

## LigaSure Impact™ Curved, Large Jaw, Open Sealer/ Divider with Nano-coating



### Brand: Medtronic (Covidien)

Reliable technology. More efficient patient care.

We're raising the bar on the standard of care in vessel sealing. The nonstick coating on the jaws of the LigaSure Impact™ device delivers the reliable performance of LigaSure™ technology - with greater efficiency and fewer procedural interruptions.

#### Overcoming clinical challenges

Eschar buildup can cause jaws to stick, affect device performance, and require multiple cleanings that disrupt procedural flow. Our coated jaws help to solve this problem, and bring the value of greater efficiency to the OR - for patients, physicians, and the healthcare industry.



## Valleylab™ Standard Bipolar Footswitch



### Brand: Medtronic (Covidien)

The Valleylab™ standard bipolar footswitch allows for independent control of bipolar output with all Force™ series generators.

## Bip Cord VL ESU US PIN 4.5M X1 #E0020V



### Brand: Medtronic (Covidien)

## Valleylab™ Universal Monopolar Adapter



### Brand: Medtronic (Covidien)

Our active and specialty adaptors interface with all electrosurgical generators for foot switching adaptation.

## LigaSure™ Purple Single Pedal Footswitch



### Brand: Medtronic (Covidien)

The purple, seven-pin LigaSure™ single pedal footswitch connector plugs attaches to the purple LigaSure™ footswitch receptacle on the rear panel of the ForceTriad energy platform. Once attached, the LigaSure™ purple single pedal footswitch activates LigaSure™ instruments that are connected to the LigaSure™ instrument receptacle on the front panel of the system.





## Bipolar Forceps



### Brand: Medtronic (Covidien)

The surgeon's choice for quality and precision

Precision crafted of the highest grade stainless steel and titanium, these quality surgical forceps are designed to provide superior control, safety, and surgical efficacy at minimum output power settings.

Foot switching titanium bipolar forceps are the preferred lightweight insulated forceps, especially for long, fatiguing procedures.

Foot switching stainless steel bipolar forceps provide the degree of precision and safety vital to bipolar electrosurgery.

## Valleylab™ Reusable Rocker Switch Pencil



### Brand: Medtronic (Covidien)

The Valleylab™ reusable electrosurgical pencil with enhanced performance and a unique, sure-grip feel is designed to meet the need for a long lasting, reliable pencil.

## Sonicision™ Curved Jaw Cordless Ultrasonic Dissection System



### Brand: Medtronic (Covidien)

#### Freedom from cords:

- Improves movement, mobility, and safety in any OR
- Makes it easier to pass the device during procedures
- Supports more natural movement compared to devices with cords

#### Single button dual-mode energy activation:

- Is designed to improve focus on the procedure with intuitive, single button energy activation
- Allows access to minimum and maximum energy modes so the surgeon's eyes can stay on the surgical field
- Facilitates versatility within procedures by providing two distinct energy modes

#### The tapered, curved jaw:

- Facilitates precise access to tissue planes
- Enables visualization of target structures
- Allows the surgeon to hug or follow curved anatomical structures
- Provides access in tight spaces<sup>1, 2</sup>

#### Cordless vessel sealing and dissection in your procedures contributes to:

- Reduced tripping hazards
- Easier instrument exchanges
- Improved procedural focus
- More natural movement
- Improved freedom of movement and mobility



## Endo GIA™ Ultra Universal Staplers



### Brand: Medtronic (Covidien)

The Endo GIA™ ultra-universal stapler combines an ergonomic design, precise articulation, and one-handed grasping, for increased versatility enhancing the user experience.

## Endo GIA™ UNIVERSAL Straight 60-4.8



### Brand: Medtronic (Covidien)

60mm straight single use loading unit for the GIA\* UNIVERSAL stapler The stapler places two triple-staggered rows of titanium staples (60mm) and simultaneously the knife divides the tissue in between.

**Size of open staple:** 3 x 4.8mm

**Staple gauge:** 0.24mm

**Approximate B-shape closure:** 2.0mm

**Shaft diameter:** 15mm

The disposable loading unit can be used with the handle unit code, 030403, 030449 and EGIAUNIVXL.

## Endo GIA Articulating Stapler



### Brand: Medtronic (Covidien)

- Medium/thick tissue purple reload can be introduced through a 12mm port
- Forward/Backward compatibility with Endo GIA Universal and Endo GIA Ultra Universal staplers
- Fixed anvil and larger anvil buckets

## Premium Plus CEEA Circular Staplers X3



### Brand: Medtronic (Covidien)

Premium Plus CEEA™ staplers place a circular, double staggered row of titanium staples. The instrument is activated by squeezing the handles firmly as far as they will go. Immediately after staple formation, the knife blade resects the excess tissue, creating a circular anastomosis.

The diameter of the staple line is determined by the selection of the 34 mm, 31 mm, 28 mm, 25 mm, or stapler.

The single use PREMIUM PLUS CEEA\* circular stapler places two-staggered circular rows of titanium staples. Following the staple formation a knife blade in the instrument resects the tissue, creating a circular anastomosis.

Low profile TILT TOP\* anvil for easier atraumatic insertion and removal.

**External diameter:** 24.8mm and internal lumen: 15.3mm.

**Shaft length:** 28cm.

**Size of open staple:** 4 x 4.8

**Staple gauge:** 0.28mm

**Approximate B-shape closure:** 2.0mm.





## Premium Skin Staple Extractor



### Brand: Medtronic (Covidien)

The single use stapler places one staple each time the instrument handle is squeezed. The staple first penetrates the skin and is then formed, thus holding the tissue together. There are different sizes of staples, each contained in its own single use loading unit.

## Appose™ ULC Single Use Skin Stapler



### Brand: Medtronic (Covidien)

Disposable skin stapler with 35 Wide staples places one staple each time the instrument handles are activated. The staples first penetrate the skin and then are formed thus holding the tissue together.

**Staple wire:** 0.5mm.

**Approximate closure:** 6.9mm x 3.8mm

## ENDO Bag Catch™ Gold Specimen Retrieval Pouch



### Brand: Medtronic (Covidien)

Disposable specimen retrieval pouch, made in polyurethane, 6.4 x 15cm with round metal flexible support to help in specimen extraction, 10mm no-reflex shaft, ergonomic double ring handle.

## GIA™ Stapler with DST Series™ Technology (Reloadable Staplers)



### Brand: Medtronic (Covidien)

GIA™ reloadable staplers with DST Series™ technology simultaneously cut between two double staggered rows of titanium staples. The staplers and reloads are available in 60 mm, 80 mm, and 100 mm lengths.

GIA™ staplers with DST Series™ technology are available in three staple sizes (2.5 mm, 3.8 mm, and 4.8 mm) and may be reloaded for a total of 8 firings per instrument.



## GIA™ Stapler with DST Series™ Technology (Disposable Loading Unit)



### Brand: Medtronic (Covidien)

Disposable Loading Unit for GIA\* stapler which places a two double-staggered rows of DST\* staples and simultaneously divides the tissue in between the two double rows.

Approximate B-shape closure: 2.0 mm

Directional Stapling Technology for perfect B-shape staple formation  
Each Disposable Loading Unit contains a fresh push-bar knife.

## EEA™ Hemorrhoid and Prolapse Stapler Set with DST Series™ Technology (HEM3335)



### Brand: Medtronic

The EEA™ hemorrhoid and prolapse stapler set with DST Series™ technology is designed for use as a stapler instrument for control of rectal prolapse and hemorrhoid disease. The instrument places a circular, double-staggered row of titanium DST™ staples and removes a circular tissue specimen. It is offered in a 33 mm diameter size with either 3.5 mm or 4.8 mm staples.

The accompanying accessories include an access port, anoscope, and dilator.

## TA™ Stapler with DST Series™ Technology



### Brand: Medtronic (Covidien)

60mm disposable loading unit for TA\* linear stapler.  
It places two staggered rows of titanium staples.

Approximate B-shape closure: 2.0 mm, staple dimension 4 mm x 4.8 mm, directional stapling technology (DST\*) titanium staples.

## Loading unit with DST Series™ Technology



### Brand: Medtronic (Covidien)

60mm disposable loading unit for TA\* linear stapler.  
It places two staggered rows of titanium staples.

Approximate B-shape closure: 2.0 mm, staple dimension 4 mm x 4.8 mm, directional stapling technology (DST\*) titanium staples.





## KYWC Disposable Circular Stapler



### Brand: Medtronic (Kangdi)

The KYWC Circular stapler uses titanium staples in a circular staggered arrangement of two concentric rings inside the staple cartridge. A Circular blade transects tissue, while simultaneously "firing" the staples and creates a circular anastomosis.

Air-sealed shaft for lap cases

- Unique 17.5 & 23.5mm sizes available
- Color Coded Handle insert for easy size identification
- Customizable staple height configuration

**Specification type:** KYWC- 25.5/28.5/33.5

## KYGZB Kangdi Hemorrhoid Stapler (PPH)



### Brand: Medtronic (Kangdi)

The Kangdi Hemorrhoid Circular Stapler is a disposable tubular hemorrhoid stapler that is used for a surgical technique called "Stapled Hemorrhoidectomy" for treating hemorrhoids or third-degree hemorrhoids (hemorrhoids that protrude with straining and can be seen on physical exam outside the anal verge. Persistent or intermittent manual reduction is necessary).

#### KEY SPECIFICATIONS:

- It can provide 2-row staggered circular titanium nails
- After completing the suture, the circular blade inside the apparatus cuts off the excessive tissues to form circular anastomotic stoma
- It is applied to the procedure for prolapse and hemorrhoids (PPH)
- The integrated high-rigidity guiding shaft provides better stability
- It features 4 bars with threads through the port which makes it easy to operate





## XPS™ Nexus ENT Power Console



### Brand: Medtronic

The XPS Nexus™ system is designed for in-office powered sinus surgery.

#### XPS Nexus™ features:

- Simple setup that is portable and easy to move around
- Handpiece recognition
- Built-in irrigation pump
- Intuitive design with a user-friendly interface

## Integrated Power Console (IPC™)



### Brand: Medtronic

The Integrated Power Console (IPC™) system is a multispecialty surgical power console for removing soft tissue, hard tissue, and bone during ENT, spinal and cranial surgeries. It features touchscreen menu, remote control irrigation, and it runs multiple handpieces. From inferior turbinoplasties to complex skull base cases, the IPC platform can serve your full range of ENT surgery needs.

#### The Integrated Power Console is the ONLY powered ENT system to offer:

- The widest range of application-specific products
- IntelliFlow remote control for irrigation
- 0.5 ml/minute irrigation flow rates for working in the facial recess
- Integrated facial nerve monitoring with the Visao Otologic Drill and Stim Bur Guard
- High-speed, application-specific curved burs for otologic procedures
- A complete anterior skull base surgery solution

## Straightshot™ Magnum II Microdebrider



### Brand: Medtronic

Operates at speeds up to 12,000 RPM (forward) and 5,000 RPM (oscillation)

## Straightshot™ M4 Microdebrider



### Brand: Medtronic

The Straightshot™ M4 microdebrider is an innovative powered handpiece for ENT surgery that helps improve intraoperative functionality and precision when incising or removing soft tissue, hard tissue, or bone. Perform procedures such as polypectomy and ethmoidectomy submucosal IT resection.

#### Straightshot™ M4 features:

- Factory-calibrated automated EM tracking blades for true plug-and-play with StealthStation™ navigation
- Innovative Quadcut™ blades significantly reduces clogging over Tricut™ blades
- Fingertip control for 360° blade rotation independent of shaft
- 60-degree angled blade provides access to frontal recess





## Straightshot™ M5 Microdebrider



### Brand: Medtronic

Ergonomically engineering for balance and performance, the Straightshot M5 is the first microdebrider capable of 30,000 rpm. Features include:

- Direct-drive motor with straight-through suction
- Gearless operation
- Easy-turn rotation wheel

### The Straightshot M5 works with 125+ blades and burs, such as:

- 30K high-speed burs for frontal sinus surgery (other burs work as well, but will not allow 30,000 rpm)
- Factory-calibrated EM blades for FUSION® ENT Navigation
- Quadcut® blades that reduce clogging

## Otologic Drill



### Model: Indigo™ High-Speed Otologic Drill

#### Brand: Medtronic

Lightweight and small, the Indigo drill provides the power and performance you need for a wide range of otologic procedures. High-speed and ample torque for fast debulking of the mastoid

#### PRODUCT DETAILS

- High speed and ample torque for fast debulking of the mastoid
- Available with straight and angled attachments
- Improved surgical access and visibility in narrow otologic spaces
- Works with wide variety of Medtronic Xomed otology burs
- Grooves on attachment nose design allow for more stable irrigation
- F Powered by the IPC® System with easy touchscreen menus

## Otologic Drill



### Model: ENT MR8

#### Brand: Medtronic

All ENT MR8 burs are single use and single packs.

#### Some Features are:

- Single-click Attachment lock
- Better handpiece balance
- Lower operating temperature for extended or heavy drilling
- Unique design elements to reduce tool tip chatter and hand vibration
- Single Use curved burs.
- Expanded offering to include fine cutters and extra course diamond
- Extended self-irrigating sleeve

## Skeeter Drill



### Brand: Medtronic

The Skeeter handpiece is a low-speed drill for every otologic operating room. The curved handpiece and malleable burs are designed for delicate ossicular chain reconstruction procedures.

#### Skeeter Drill System Key Features:

- Powered by IPC® System or battery-powered footswitch
- Color-coded burs to identify diameter size
- Trans-canal middle ear drilling
- Slender, lightweight, low-speed drill system designed for ossicular reconstruction
- Shaft is angled 15° visualization during drilling up to 16,000 rpm



## Merocell



### Brand: Medtronic

Merocel is constructed of high-density, micropore Merocell sponge with oxidized cellulose, a clinically proven hemostatic agent.

- Non-clinical laboratory testing has shown a 30% reduction in removal force over other nasal sponges
- Will absorb up to 20 times its weight in fluids
- Three thicknesses to accommodate various nasal anatomies

## Nerve Monitoring System



### Model: NIM Neuro 3.0

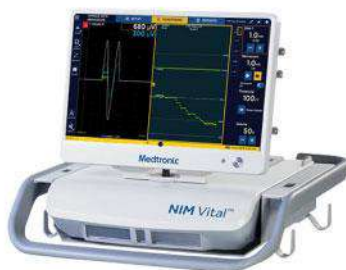
#### Brand: Medtronic

NIM™ intraoperative neuromonitoring systems enable surgeons to identify, confirm, and monitor motor nerve function to help reduce the risk of nerve damage during various procedures, including ENT and general surgeries.

Our NIM-Neuro™ 3.0 systems feature a touch screen with three simple user modes, and default or customer settings. They also offer:

- NIM-Neuro™ 3.0 monitors up to eight channels of nerve-muscle combinations
- Typically used during complex and delicate surgeries, such as glomus or acoustic tumor removals
- Microscope overlay imports the NIM™ signal through select high-end microscopes as the surgeon operates

## Nerve Monitoring System



### Model: NIM Vital

#### Brand: Medtronic

NIM Vital™ nerve monitoring system provides detailed intraoperative nerve condition information to inspire surgical strategy and help improve patient outcomes.

The NIM Vital™ product platform allows easy expansion to unlock additional future functionality, enabling use of nerve monitoring to help protect nerve condition and patients' quality of life.

NIM Vital™ system offers reduced artifact when compared to other nerve monitoring systems.

- Intelligent noise reduction technology suppresses artifact events by 94.5%, for a quieter experience.
- Clinically relevant audible cues alert you to nerve functional status.
- Proprietary technology enables monitoring nerve condition through Medtronic Advanced Energy device use.

Enhanced visualization helps you be more efficient.

- A larger touch-screen and streamlined user interface provide a more intuitive, guided workflow.
- Smart troubleshooting pop-ups alert staff to system issues and offer resolution protocols.
- Enhanced remote control of critical settings from the surgical field.





## ENT Navigation



### Model: FUSION Compact™

#### Brand: Medtronic

FUSION Compact™ navigation delivers meaningful innovation. With reliable accuracy, the instrument-tip location on the screen can be displayed-which may allow more through dissection and reduced complication risk in select patients.

#### Some Features are:

- Provides reproducible accuracy comparable to the high level of accuracy offered by our optical systems
- Works with reusable standard instruments
- Can track up to 3 instruments at a time
- No array, no clamps, no calibration, no waiting
- First and only factory-calibrated blades for navigation
- True "plug and play" is more convenient and efficient

## ENT Navigation System



### Model: StealthStation FlexENT™ Navigation System

#### Brand: Medtronic

The StealthStation FlexENT™ navigation system provides flexible hardware features and tiered software functionality. Configure the system to create a customized, economical navigation system to meet your unique facility and clinical needs.

#### Key features are:

- Six hardware configurations to choose the best solution for your clinical needs
- Portable cart design to consolidate ENT equipment and provide better mobility
- Two emitter designs for more flexibility with surgical setup
- Management of multiple navigated instruments simultaneously
- Optional software modules available for enhanced visualization and surgical planning





## Resolute Onyx DES for Coronary Artery Disease



Resolute Onyx™ is a drug-eluting stent (DES) that's different by design, which makes it optimized for complex PCI. It's safe and effective in real-world, high bleeding risk patients on 1-month DAPT.

Resolute Onyx DES is different by design, helping to address your DES needs and numerous patient anatomies. It features:

- High bleeding risk indication
- Stent flexibility and conformability
- Enhanced visibility
- Easier side branch access
- Broad size matrix
- Exclusive DES polymer and drug combination

## Resolute Integrity DES Zotarolimus-Eluting Coronary Stent System



**Resolute Integrity™ DES simplifies everyday challenges with:**

- Optimized flexibility and conformability
- Excellent structural strength
- Powerful clinical evidence
- Proven safety and efficacy

**Resolute Integrity DES real-world experience includes:**

- FDA approval for the treatment of coronary artery disease (CAD) in patients with diabetes
- More than 17,000 patients studied
- Over 6 million patients treated

## Endeavor Resolute Stent



Endeavor Resolute uses a proprietary new biocompatible polymer called BioLinx™. The BioLinx polymer is designed to confer the same biocompatibility as the Endeavor stent's phosphorylcholine (PC) polymer while extending the duration of drug exposure in the vessel. Developed by Medtronic scientists, BioLinx is the first polymer created specifically for use on a drug-eluting stent. The BioLinx polymer features a unique blend of hydrophilic and hydrophobic elements for optimal performance. Extensive preclinical studies have established the biocompatibility and drug delivery capabilities of the BioLinx polymer.





# CORONARY BALLOONS

## Euphora Semicompliant Balloon Catheter



Euphora™ semicompliant balloon dilatation catheter complements your expertise and provides uncompromising performance in the moment you need it most.

### Advancing Innovation through Partnership

To develop the Euphora™ low-profile semicompliant balloon dilatation catheter, we partnered with nearly 2,000 interventional cardiologists and cath lab professionals. The result is:

- Superior deliverability
- Superb Kissing Balloons Technique (KBT) performance
- The lowest crossing profile compared to leading competitors

## NC Euphora Noncompliant Balloon Catheter



NC Euphora™ noncompliant balloon dilatation catheter combines Euphora technology with controlled, high-pressure performance.

### From Collaboration to Innovation

When it comes to controlled, high-pressure performance, the NC Euphora™ noncompliant balloon dilatation catheter has what you're looking for:

- High RBP up to 20 atm
- Low-growth profile
- Superior deliverability

In fact, we worked with nearly 2,000 interventional cardiologists and cath lab professionals to develop it - so you can choose it with confidence for your patients.

## Sprinter Legend 1.25 Balloon Catheter



Sprinter™ Legend™ 1.25 SuperCROSSER semicompliant balloon dilatation catheter delivers exceptional crossability to treat today's challenging lesions.

During difficult cases, reach for a slim Sprinter™ Legend™ 1.25 mm SuperCROSSER semicompliant coronary balloon catheter featuring:

- Award-winning\* ZeroFold technology - no wrapped material and no balloon shoulders
- Low 0.5 mm (0.020 in) crossing profile
- OTW and RX platforms

## NC Sprinter RX Noncompliant Balloon Catheter



NC Sprinter™ RX noncompliant balloon dilatation catheter combines tried and true Sprinter technology with the high-pressure capability and controlled expansion of a noncompliant balloon.

The NC Sprinter™ RX noncompliant coronary balloon combines:

- Sprinter crossing technology
- High-pressure capability and controlled expansion



# LKL

**Hospital ICU or CCU Electrical Bed**  
**Hospital Electrical Bed**  
**Hospital Hydraulic Bed**  
**Hospital Mechanical Hi-Lo Bed**  
**Hospital Fixed Height Bed**  
**Patient Transport Trolley (A & E)**  
**Hospital Delivery Bed**  
**Carts**  
**Medical Equipment Stand**  
**Patient Room Furniture**  
**Medical Chair**  
**Nursery Equipment**  
**Instrument Trolley**  
**Examination Table**  
**Miscellaneous Hospital Equipment**

## LKL

we care customer most

### **Country of Origin: Malaysia**

LKL was established in 1978.

- Largest manufacturer of medical beds, peripherals and accessories in Malaysia, in terms of revenue.
- LKL brand & products have been widely used in more than 50 countries across 6 continents
- Strict and uncompromising Quality control Standards
- efficient and reliable after-sales services
- experienced management team
- Diversified capabilities and wide range of products
- Comply International compliance standards such as ISO 9001:2015, EN ISO 13485:2016, CE and USFDA
- Over 70% domestic market share



## Model: BA9000



### Product Features:

- Steel bed frame with scratch and chip resistant epoxy powder coating
- PE Head & Foot boards with locking mechanism for easy attachment, detachment and can be cleaned easily
- Split fold down PE safety side rails with one-hand operation
- Backrest with X-Ray radio Translucent base complete with X-Ray cassette tray
- Perforated mattress support base
- Four high-quality 150mm diameter German Twinwheel with central locking system (free, steer and total brakes functions)
- Hi-Lo, Backrest, Kneerest, Trendelenburg and Reverse Trendelenburg by electrical motorized
- Control panel Embedded onto the backrest side rails internally, and externally
- Nurse lock and nurse handheld control located at foot end
- Nurse lock to lock out total or individual function of control buttons
- Nurse handheld control with CPR button to neutralize bed position during emergency
- Quick CPR release lever for flattening the backrest located at both sides of the bed
- Auto contour function to avoid patients slipping down while performing cardiac chair position
- 6 provisions for IV pole attachment
- 2 drainage bag holders provided
- IV drip pole storage
- 4 provisions for monkey pole
- With 4 corner rotating bumpers

### Technical Specifications:

- Backrest: 0° - 70°
- Legrest: 0° - 35°
- Kneerest: 0° - 20°
- Trendelenburg & Reverse Trendelenburg: -15° to +15°
- Auto contour
- Cardiac Chair Position
- Vascular Position
- Overall Approx Dim(mm): 2245 (L) x 1090(W) x 480-780mm(H)
- Safety load capacity: 250kg UDL

### Electrical System

- DC-actuator system (TUV & UL approval & EC60601-1)
- 24 VDC with built in back-up battery
- Input Voltage: 220 - 240V; 50Hz - 60Hz
- Safety Rating Control box: IPX4, IPX6 Actuators: IPX4, Nurse Control: IPX6

## Model: BA9003



### Product Features:

- Split side rails (PP side rails)
- Removable mattress platform
- C/w head & foot board locks
- C/w protective corner bumper
- Lifting pole/ infusion stand holes
- Mattress holders
- C/w angle indicator
- C/w bed extension
- Mobile on 4 x 125mm castors with central locking system
- Manual CPR
- C/w night light under bed
- C/w 2 pcs of urinal bag holder, each holder with 2 hooks
- C/w 4 IV pole provision
- Backrest with X-Ray radio translucent base complete with X-Ray cassette tray

### Technical Specifications:

- Outer dimension (mm): 2220(L) x 1060(W) (±10mm) -with siderails up
- Mattress platform (mm): 1960(L) x 900(W) (±10mm)
- Hilo (mm): 470-790 (±10mm)
- Bed extension(mm): 200 (±10mm)
- Maximum backrest: > = 70 degree
- Maximum thigh rest: > = 25 degree
- TR/ATR: > = 12 degree
- Side rails height (above mattress): 380mm (±10mm)
- Safe working load: 200kgs

**Model: BA7001**



## Product Features:

- Ultra-low with the minimum height at 265mm (10.5")
- All parts are made by tooling to ensure uniform quality
- Steel construction finishing with scratch and chip resistant of hard epoxy powder coating
- Electric motorize bed with smooth and control operation by 3 actuators
- Detachable head and foot boards
- Mobile on 4 x 100mm diameter castors with 2 brakes diagonally fitted
- Provide with drainage bag holder at both sides of the bed
- Hi-Lo, backrest & kneerest controlled by hand set
- Auto contour backrest and kneerest adjust simultaneously
- 4 provisions for IV pole
- 2 drainage bag holders
- 4 provisions for monkey pole
- With 4 corners rotating bumpers
- Intention of use: suitable to be use in ward and geriatric ward

## Technical Specification

- Hi-Lo: 265-650mm
- Backrest: 0° - 75°
- Kneerest: 0° - 25°
- Overall Approx Dim(mm): 2115(L) x 1013(W)
- Working capacity: 180kg
- Auto Contour
- Legrest: 0° - 45°

## Electrical System

- DC-actuator system (TUV & UL approved & EC60601-1)
- 24VDC out-put
- Built in back-up battery
- Voltage: 220-240; 50Hz - 60Hz

**Model: BA7770-T**



## Product Features:

- Four section bed
- Include manual trendelenburg and reverse Trendelenburg
- All parts are made by tooling to ensure uniform quality
- Steel construction finishing with scratch and chip resistant of hard epoxy powder coating
- Electric motorize bed with smooth and quite operation
- Detachable head and foot boards
- Mobile on 4 x 150mm diameter castors with central locking system with steer, free and brake
- Hi-Lo, backrest & kneerest controlled by hand set control
- Auto contour backrest and kneerest adjust simultaneously
- 4 provisions for IV pole
- 2 drainage bag holders
- 4 provisions for monkey pole
- With 4 corners rotating bumpers

## Technical Specification

- Working capacity: 180kg
- Hi-Lo: 460-850mm
- Kneerest: 0° - 25°
- Trendelenburg: 0° - 12°
- Overall Approx Dim(mm): 2115(L) x 1013(W)
- Auto contour
- Backrest: 0° - 75°
- Legrest: 0° - 45°
- Reverse Trendelenburg: 0° - 6°

## Electrical System

- DC-actuator system (TUV & UL approved & EC60601-1)
- 24VDC out-put
- Built in back-up battery
- Voltage: 220-240V; 50Hz-60Hz



## Model: BA4120-T



### Product Features

- Steel construction finishing with scratch and chip resistant of hard epoxy powder coating
- Hi-Lo adjustable by hydraulic jack controlled by foot pedal
- Backrest, and kneerest adjustable by gas spring mechanism
- Trendelenburg/reverse trendelenburg assisted by gas spring mechanism
- Detachable ABS head and foot boards
- 150mm central locking wheels with steer, free & total brakes function
- Inclusive of collapsible aluminium siderail and medi-flex mattress
- 4 provisions for IV pole and provisions for monkey pole
- With 4 corners rotating bumpers

### Technical Specifications

- Safety load capacity: 250 kg
- Backrest: 0° - 80°
- Kneerest: 0° - 25°
- Trendelenburg: 0°-12°
- Overall Approx Dim(mm): 2140(L) x 1040(W)
- Hi-Lo: 480-854mm
- Legrest: 0° - 40°
- Vascular Position
- Reverse Trendelenburg: 0° - 6°

## Model: BA4110-T



### Product Features

- Steel construction finishing with scratch and chip resistant of hard epoxy powder coating
- Hi-Lo adjustable by hydraulic jack controlled by foot pedal
- Backrest adjustable by gas spring mechanism
- Trendelenburg/reverse trendelenburg assisted by gas spring mechanism
- Detachable ABS head and foot boards
- 150mm central locking wheels with steer, free & total brakes function
- 4 provisions for IV pole and provision for monkey pole
- With 4 corner rotating bumpers

### Technical Specifications

- Hi-Lo: 480-854mm
- Trendelenburg : 0° - 12°
- Vascular Position
- Overall Approx. Dim(mm): 2140(L) x 1040(W) x 480-854(H)
- Backrest: 0° - 80°
- Reverse Trendelenburg: 0° - 6°

## Model: BA3020-PN



### Hospital Mechanical Hi-Lo Bed

#### Product Features

- Double fowler
- Steel construction finishing with scratch and chip resistant of hard epoxy powder coating
- Kneerest, Backrest & Hilo adjustable by manual crank winding mechanism at foot end of bed
- Retractable winding lever under the foot end of bed
- With easy detachable PE head & leg boards with lock
- Built in bumper
- 2 provisions for IV pole

#### Technical Specifications

- Working capacity: 180 kg
- Backrest: 0° - 80°
- Kneerest: 0° - 25°
- Overall Approx Dim(mm): 2100(L) x 955(W)
- Hi-Lo: 380-710mm
- Legrest: 0° - 40°

# HOSPITAL FIXED HEIGHT BED



**Model: BA2020-P**



## Product Features

- Double fowler
- Steel construction finishing with scratch and chip resistant of hard epoxy powder coating
- Backrest & Kneerest adjustable by manual crank winding mechanism at foot end of bed
- Easy detachable PE head & leg boards with lock
- Built in bumper
- Provision of IV drip pole attachment
- Mobile on 4 x 100mm dia, castors with diagonally fitted with brakes
- Available in Single Fowler for backrest adjustable only (BA2010-P)

## Technical Specifications

- Working capacity: 180 kg
- Backrest: 0° - 80°
- Kneerest: 0° - 25°
- Legrest: 0° - 40°
- Overall Approx Dim(mm): 2110(L) x 955(W) x 570(H)

**Model: BA1020**



## Product Features

- Double fowler
- Steel construction finishing with scratch and chip resistant of hard epoxy powder coating
- Backrest & kneerest adjustable by manual crank winding mechanism at foot end of bed
- Mobile on 100mm dia. castors with diagonally fitted brakes
- Also available for 2 wheels and 2 rubber studs (BA1020-RB)

## Technical Specifications

- Backrest: 0° - 80°
- Legrest: 0° - 40°
- Kneerest: 0° - 25°
- Working capacity: 180 kg
- Overall Approx Dim(mm): 2020(L) x 914(W) x 570(H)





## Model: PT3300-GS



### Product Features

- Hydraulic foot pedal controlled Hi-Lo position
- Tilting assisted by gas spring
- Backrest adjustable by gas spring
- PVC bumper guard rail
- Push handle at foot ends
- Collapsible side rails
- IV pole
- Storage utility tray
- Oxygen tank holder

### Technical Specifications

- Material: Mild steel frame work
- Finishing : Epoxy powder coating
- Safety load : 250kg
- Backrest : 0° - 90°
- Trendelenburg : 0° - 12°
- Reverse Trendelenburg : 0° - 6°
- Castor Dim(mm) : 200mm (central locking)
- Mattress Approx Dim(mm) : 1930(L) x 660(W) x 50(H)
- Approx Dim(mm) : 2100(L) x 787(W) x 558 - 878(H)

## Model: PT2000



### Product Features

- Removable / interchangeable head panel
- Sliding epoxy side rails
- Provision for I.V pole and oxygen cylinder
- Protective bumper located at four corners
- Trendelenburg / tilting and backrest positioning by means of smooth winding mechanism

### Technical Specifications

- Material : Mild steel frame work
- Finishing : Epoxy powder coating
- Safety load: 180kg
- Backrest : 0° - 80°
- Trendelenburg: 0° - 6°
- Castor Dim (mm): 125mm dia. (\*optional: 200mm dia.)
- Approx Dim (mm): 2083(L) x 711(W) x 794(H)



## Model: DB4000



### Product Features

- Steel construction finishing with scratch and chip resistant of hard epoxy powder coating
- Convertible from bed to delivery table
- Hi-Lo, backrest and trendelenburg position controlled by electrical motorized
- Foot pedal controls unit to allow a hands free for medical personnel
- Built in backup battery
- Retractable leg section
- Detachable PE head and foot boards
- Double easy fold-away PE blow side rails with gas spring assisted adjustment
- Manual override CPR release lever at both sides of the bed
- Integrated with one pair handgrips at both sides of the bed
- Delivery position, squatting position, spreaded footrest position, lithothomy position
- Removable plastic moulded mattress base
- Complete with accessories kit stand
- Complete with 3-section PU foam mattress with mediflex cover (water proof, fire retardant, anti-bacterial, anti-static)
- Mobile on 4 x 150mm dia. Tente (Germany) central locking castors

### Technical Specifications

- Backrest : 0° - 75°
- Trendelenburg : 0° - 8°
- Reverse Trendelenburg : 0° - 6°
- Overall Approx Dim(mm) : 1494(L) stowed/2137(L) extended x 990(W) x 546 - 930(H)
- Safety load capacity: 250kg UDL

### Electrical System

- DC-actuator system (TUV & UL approved & EC60601-1)
- 24VDC out-put
- Built in back-up battery

## Model: DB3000-P



### Product Features

- Steel construction finishing with scratch and chip resistant of hard epoxy powder coating
- Convertible from bed to delivery table
- Hi-Lo and backrest position controlled by electrical motorized
- Foot pedal controls unit to allow a hands free for medical personnel
- Built in backup battery
- Manual trendelenburg /head down tilting assisted by gas spring
- Retractable leg section
- Detachable PE head and foot boards
- Stainless steel constructed Telescopic side rails
- Manual override CPR release lever at both sides for backrest
- Delivery position, squatting position, spreaded footrest position, lithothomy position
- Removable plastic moulded mattress base
- Complete with accessories kit stand
- Complete with 3-section PU foam mattress with mediflex cover (water proof, fire retardant, anti-bacterial, anti-static)
- Integrated with one pair handgrips at both sides of the bed
- Mobile on 4 x 150mm dia. Tente (Germany) central locking castors

### Technical Specifications

- Safety working capacity: 250kg
- Approx Dim(mm): 1384(L) Stowed/2045(L) Extended x 990(W) x 546-930(H)
- Backrest : 0° - 75°
- Trendelenburg : 0° - 12°

### Electrical System

- DC-actuator system (TUV & UL approved & EC60601-1)
- 24VDC out-put
- Built in back-up battery



## Model: CA1150



### Product Features

- Aluminium-alloy, ABS and stainless steel construction
- Consist of 6 layers of drawers designed for dual-sided usage with self-locked mechanism when closed
- Mobile on 4 x 125mm dia. swivel castors with 2 brakes
- Provide with 50 medicines boxes
- Accessories inclusive of:
  - 2 x Litter buckets
  - 1 x Syringe disposal
  - 1 x Adjustable board
  - 1 x Transparent file box
  - 1 x Set of 5-hooked hanging device

### Technical Specifications

- Approx Dim(mm): 850(W) x 520(D) x 1010(H)
- Optional Accessories: Dispenser & Shelve

## Model: CA3100-New+SL



### Product Features

- EG steel plate construction
- Central lock drawers by a seal lock
- Scratch & chip resistant epoxy powder coating
- Transparent perspex top allowing visuals into first drawer
- Five drawers: 3 x 4" deep drawers (with ABS moulded bins - removable) 1 x 6" deep drawer, 1 x 9" deep drawer
- Protective moulded PVC bumper all round
- A bracket for oxygen tank cylinder, a holder provided (for biohazard bin) and a catheter container provided at the side of cart
- A push handle at the other side of the cart
- Cardiac board & IV drip pole located at rear of the cart
- C/w an external adjustable and swingable tray for defibrillator
- Mobile on 4 x 125mm dia. swivel castors with 2 brakes

### Technical Specifications

- Approx Dim(mm): 660(W) x 460(D) x 970(H)
- Optional: Central locking with key (CA3100-New)



## Hospital MEDICAL CARTS

Excellent Ergonomy for  
healthcare staff

# MEDICAL EQUIPMENT STAND & PATIENT ROOM FURNITURE



## Model: CT6000



### Product Features

- Tubular steel frame construction
- Scratch & chip resistant epoxy powder coating
- C/w drawer & mid-shelf
- Single chrome hook
- Mobile on 4 x 50mm swivel castors

### Technical Specification

- Approx Dim(mm): 420(L) x 305(W) x 762(H)

## Model: CCT0110



### Product Features

- Tubular steel frame construction
- Scratch & chip resistant epoxy powder coating
- Single chrome hook
- A drawer on top, middle shelf and wire mesh basket on bottom
- Mounted on 75mm swivel wheels with 2 brakes

### Technical Specifications

- Approx Dim(mm): 381(W) x 406(D) x 864(H)

## Model: WP1555



### Patient Room Furniture

#### Product Features

- Safety for patient's valuables e.g. Mobile phone, wallet, iPod and etc
- Drawer with keyless access by cards/ patient tags
- Use RFID/ HID/ MiFare Cards such as Touch & Go card, My Card and patient tag to lock and unlock the drawer
- Card reader operated by 4 x AA Batteries
- Complete with security system - Alert alarm will be activated if others failed to open the drawer after 6 times
- Fully polymer (ABS)
- Towel hanger provided at both sides
- A drawer and a sliding tray provided
- A single door cupboard with built-in adjustable shelf
- Shoe compartment with ventilated holes at the bottom

#### Technical Specification

- Approx Dim (mm): 460 (W) x 490 (D) x 860 (H)
- Weight : 14.5kg



MEDICAL EQUIPMENT STAND & PATIENT ROOM FURNITURE



## Model: WP2200



### Product Features

- Steel construction
- Scratch & chip resistant epoxy powder coating
- Fingertip Height Adjustable by 2 fingers (760mm to 1080mm)
- Laminated Chipboard surface with all round T-Frame rubber trimmings around table top edge
- Mobile on 4 x 50mm dia. swivel castors

### Technical Specification

- Table Top Approx. Dim(mm): 810(L) x 360(W)
- Approx. Dim(mm) : 825(L) x 406(W) x 760-1080(H)

## Model: WP2100



### Product Features

- Steel construction
- Scratch & chip resistant epoxy powder coating
- Height adjustable classic tension spring Knob lock
- Laminated Chipboard surface with all round T-Frame rubber trimmings around table top edge
- Mobile on 4 x 50mm dia. swivel castors

### Technical Specifications

- Table Top Approx Dim(mm): 810(L) x 360(W)
- Approx Dim(mm): 825(L) x 406(W) x 760-1080(H)

## Model: WP1100



### Product Features

- Laminated chipboard construction
- 3 ways bend-up edge table top
- A drawer & a sliding tray are provided
- Cabinet with double doors
- Shoe compartment at bottom
- Mobile on 2 x 50mm dia. swivel castors with 2 fitted metal legs
- Approx Dim (mm): 505 (W) x 415 (L) x 840 (H)



## PATIENT ROOM FURNITURE

**Model: WP3000L**



## Product Features

- Tubular steel construction
- Scratch and chip resistant epoxy powder coating
- Fixed height
- Chair cum sleeper unit
- Padded with PVC rubber
- Mobile on 6 X 50mm castors

## Technical Specification

- Approx Dim(mm): 860(L) x 780(W) x 950(H)

**Model: CCH0019-FS**



## Product Features

- Chromed steel frame
- Fixed armrest
- Fixed footrest
- x2 solid castor
- x2 solid rear wheel
- Safety belt
- Approx Dim(mm): 640 (W) x 900 (D) x 870 (H)
- Load capacity less than 100kgs

**Model: DC2000-C**



## Nursery Equipment

### Product Features

- Steel base with ventilation holes
- Available with wooden head/head board with cartoon picture
- Tubular steel pole head & leg frame
- Scratch and chip resistant epoxy powder coating
- Safety side rails of filling not exceeding 102mm spacing with rubber bushes along 2 chrome rods fitted on leg frame eliminating friction noises
- Auto engage side rail
- Mobile on 4 x 100mm swivel castors with diagonally fitted brakes

### Technical Specification

- Approx Dim (mm): 1400(L) x 850(W) x 665(H) (from floor to mattress platform)
- Mattress platform to top of side rail: 590mm (H)
- Mattress Approx Dim (mm): 1285(L) x 762(W) x 102(Thick)

**Model: DC2000-E**



## Product Features

- Electric motorized bed with smooth and quite operation
- Battery back-up
- 4 sectional cot - with adjustable Hi-Lo, backrest & kneerest controlled by hand set
- Safety side rails are engaged automatically when raised with 3 intermediate height
- Four side railing made of aluminium
- Base metal frame finishing of hard epoxy powder coating
- C/w urine bag holder
- Mobile on 4 x 125mm (5") diameter castors with central locking system with steer, free and brake

## Technical Specification

- Load Capacity: 180 kg
- Backrest: 75° / Legrest: 45°
- Overall Approx. Dim (mm): 1760 (L) x 890 (W)
- Hi-Lo: Approx. 540mm to 905mm (floor to mattress platform)

## Electrical System

- DC-actuator system (TUV & UL approved & EC60601-1)
- 24V out-put
- Voltage: 220-240V; 50Hz-60Hz
- Built in back-up battery



## Model: CT2130



### Product Features

- Stainless steel constructed of 1" pipe leg frame
- 2 fixed shelves
- A 3-way guard rail on top shelf
- Mobile on 4 x 75mm dia. swivel castors

### Technical Specification

- Approx Dim(mm): 914(W) x 460(D) x 924(H)

## Model: CT4101



### Product Features

- Stainless steel construction
- Adjustable height by hydraulic with foot pedal
- 3 x 75mm dia. castors with brakes

### Technical Specification

- Overall Approx Dim (mm): 700(W) x 400(D) x 890-1300(H)
- Tray Approx Dim (mm): 700(L) x 400(W)

## Model: EC2000



### Examination Table

#### Product Features

- Steel construction
- Scratch & chip resistant epoxy powder coating
- Upholstery with PVC cover with PU foam of 75mm thick
- Ratchet backrest of 5 positions
- 1 cabinet and 2 drawers

#### Technical Specification

- Approx Dim (mm): 1830(L) x 610(W) x 760(H)
- \*Optional accessories: paper roll holder  
Model: EC2000-PR

## Model: EC6000



### Product Features

- Steel construction
- Scratch & chip resistant epoxy powder coating
- Stainless steel bowl
- Upholstery with PVC cover with PU foam of 75mm thick
- Ratchet backrest and leg rest
- 2 Lithotomy stirrups and straps
- 1 cabinet and 3 drawers

### Technical Specification

- Approx Dim (mm): 1830(L) x 610(W) x 760(H)
- \*Optional accessories: paper roll holder  
Model : EC6000-PR

**Model: WM900**



**Product Features**

- 4 panels

**Technical Specifications**

- 8 x 50mm diameter swivel castors
- Approx Dim(mm): 2230(L) x 1695(H)

**Model: WM102**



**Product Features**

- Steel construction with epoxy powder coating
- Mounted on rubber studs
- PVC padded top

**Technical Specifications**

- Height: 1st step - 170mm / 2nd step - 330mm
- Approx Dim(mm): 508(L) x 460(W) x 330(H)





# Ambu

Manikin

AmbuMan I (Instrument)

Blackhead Manikin - AirSim Bronchi

Bronchoscope

aScope3

King Vision Video Laryngoscope

Channel Blade or Standard Blade

Ambu Bag (Oval Silicone Resuscitators)

Ambu Bag (SPUR II)

Laryngeal Mask (AuraOnce)

Laryngeal Mask (AuraGain)

ECG Electrodes Sensor (WhiteSensor WS)

ECG Electrodes Sensor (BlueSensor T)

Neuron Concentric (EMG Needle)

Neuron Concentric (EMG Cable)

## AMBU

Forever Forward

### Country of Origin: Denmark

Ambu was established in 1956. Engineer, Holger Hesse, founds Testa laboratory (1937), which later becomes Ambu.

- Ambu Bag (world's first self-inflating resuscitator)
- Ambu was also a pioneer in the development of manikins for first aid training. The first training manikin was introduced in 1957
- Ambu is a global organization with over 4,500 employee's
- Over 85 years of innovation and Innovation is Ambu's DNA
- The world's most innovative single-use endoscopy company
- Ambu is market leader within single use endoscopy and largest supplier of single-use endoscopes on the market
- Approx. 98% of the products are sold on export markets
- A phthalate-free company
- Committed to produce ecofriendly products
- Ambu have sold more than 1.5 million single-use endoscopes, which is more than all other single-use endoscopy companies combined.

## AmbuMan Advanced (Manikin)



The Ambu Man Advanced is Ambus latest training manikin generation, which is made to fulfil all the needs of Advanced Life Support (ALS) -Training.

The focus of the manikins is on the algorithm: Airway Management, ECG simulation, defibrillation and the training of i.v. and i.o. access techniques.

The core is the AmbuMan with the latest, integrated Ambu Wireless Technology. The browser-based Ambu Manikin Management Module allows the wireless control, documentation and monitoring of the performance of the trainees.

The Ambu Manikin Management Module is the central interface, where all data and information come together: compression depth, right hand position, ventilation volume, stomach inflation. Using AmbuMan Advanced, you can create custom scenarios and adapt them perfectly to different course concepts. The AmbuMan Advanced is the ALS training manikin for professionals.

## AmbuMan I (Instrument)



Ambu Man has the patented hygienic system that eliminates the risk of cross infections. All trainees receive their own face piece and head bag for the training. At the end of the training the face piece can be cleaned and the head back is discarded. A truly 100% hygienic way of training.

The AmbuMan I (Instrument) models are equipped only with a mechanical monitoring instrument showing effectiveness of the resuscitation, including results achieved for ventilation volume and depth of external chest compression. Moreover it indicates any stomach inflation and incorrect hand positioning.

## Blackhead Manikin - AirSim Bronchi



AirSim Bronchi is a durable airway management trainer for intubation and bronchoscopy. This model includes the AirSim® airway with true, anatomically correct and visually accurate internal features including bronchi down to the fourth generation. This training manikin can also be used to practice nasotracheal intubation and nasally directed fiberoptic examination.

### Features:

- Innovative AirSim® airway and nasal cavity created from CT DICOM data
- Anatomically correct internal features and visually accurate landmarks in airway and nasal passage
- Anatomically correct internal bronchi down to the fourth generation
- Inflatable tongue with lifelike texture can simulate edema
- Replaceable lung bags inflate with successful ventilation
- Optional difficult airways available for more advanced training



## Bronchoscope - (aView Monitor)



### Origin: Taiwan/Malaysia

Ambu® aView™ is a portable high resolution monitor that is compatible with all of Ambu's single-use flexible scopes.

aView is easy to use and set, and is ready within seconds when turned on. The clear, high resolution images make navigation and identification of anatomical landmarks easy.

The user interface is intuitive to use and allows images or videos to be stored for later reference. Easy transfer of files is possible with the integrated USB interface.

### Key benefits

#### Portable

- aView™ is lightweight, easy to set up and ready to show images within seconds after turned on.
- It can be used continuously for minimum 3 hours with a fully charged battery.
- It can be quickly mounted on an IV pole or transported by hand, and it fits easily into small spaces.

#### Clear, high resolution imaging

- The clear, high resolution images enable easy navigation and identification of anatomical landmarks.
- Show the live image on an external larger monitor using the video-out port.

#### Intuitive

- It is intuitive to use and supports export of recorded images and videos to USB.
- aView™ supports training, knowledge sharing and patient involvement.

## aScope3



### Origin: Malaysia

Ambu Scope Broncho

The Ambu Broncho single-use endoscopes are guaranteed sterile, always available and part of an integrated solution that improves safety, workflow and productivity.

#### Six good reasons to use aScope™ 3

- aScope™ 3 offers improved patient safety as it is always available when needed
- aScope™ 3 is sterile with no risk of cross-contamination
- aScope™ 3 is portable, intuitive and fast to set-up and use
- aScope™ 3 gives you 3 sizes in one system at no additional cost
- aScope™ 3 is cost effective. Low investment costs. No repair and reprocessing costs
- aScope™ 3 gives you easy access to practice your bronchoscopy skill



# KING VISION VIDEO LARYNGOSCOPE

Ambu FOREVER FORWARD

## King Vision Video Laryngoscope (KVL-KIT3)



### Origin: USA/Germany

King Vision is designed to enable quick and easy intubation with its display providing a consistent clear real-time view of your patient's airway. The single-use blades are available in three different sizes and offers the choice of two blade types, allowing you to keep your preferred intubation technique.

King Vision aBlade is a durable, portable and affordable solution that will maximise your chance of first-attempt success and minimize time-to-intubate.

### KEY BENEFITS

**High flexibility :** King Vision offers the choice of two blade types for user flexibility.

### Operational in seconds

King Vision is light weight, self-contained and battery operated, which makes it operational in seconds.

### Minimal impact

King Vision is ergonomically designed to provide minimal lifting of soft tissue and impact on teeth.

### Visionary performance

King Vision holds a full colour TFT LCD display with advanced imaging technology that provides visionary performance in the palm of your hand.

**No cross-contamination :** Single-use blades eliminate risk of cross contamination.

### Training

With a clear image viewing in 160° panoramic field King Vision is suitable for training of intubation skills.

## Channel Blade/Standard Blade



### Origin: USA

The Ambu King Vision® Video Laryngoscope Disposable Blade, Standard can be used with the Ambu King Vision® Video Laryngoscope. Each blade is individually packaged providing new CMOS optics, LED light and anti-fog lens in every blade.

### Features:

- Anti fog coating on distal lens
- AP Blade Height: 13mm (standard)
- Blade length: 17cm
- Blade Width: 26mm (standard)/ 16mm (distal tip)
- Camera Chip: CMOS
- Camera Resolution: 640 x 480 VGA
- Light Source: White LED
- Disposable material: polycarbonate/TPE





## Ambu Bag-(Oval Silicone Resuscitators)



**Size: Adult, Pediatric, Neonatal**  
**Origin: China**

### Key Benefits

- **Reduced fatigue during manual ventilation:**

Ergonomic bag design secures optimal user handling and support during extended ventilation. The bag has superior surface and grip properties. The hand strap ensures a good grip, which helps to reduce fatigue during manual ventilation; also for users with small hands.

- **Free positioning of the bag:**

The patient valve with swivel enables free positioning of the bag without removing the mask from the patient.

- **Easy to clean and sterilize:**

Ambu Oval Silicone Resuscitators is easy to disassemble. An effective procedure for cleaning and sterilization can be used. Can be autoclaved at 134 C.

- **Low weight:**

Optimal user handling and support during extended ventilation.

## Ambu Bag-(SPUR II- Disposable Resuscitator)



**Origin: China**

### Key Benefits

- Unique single-shutter valve system for reliable functionality
- Integrated handle for user comfort and uniform compression
- Thin-walled compression bag allows for lung compliance and "feel"
- SafeGrip™ surface for secure handling in stressful environments
- Medication port permits quick medication delivery without disconnecting the Ambu SPUR II from the ET tube
- Easy attachment of manometer and PEEP valve

## Laryngeal Mask-AuraOnce



**Origin: China**

### Key Benefits

- Built-in anatomically correct curve for fast and easy insertion
- Reinforced tip resists folding over during insertion and plugs the upper esophageal sphincter
- Cuff and airway tube molded as single unit for extra safety - no separation
- The surface has a microstructured texture to ease insertion
- A soft cuff ensures a good seal with low mucosal pressure
- Pilot balloon identifies mask size and provides precise tactile indication of degree of inflation
- Ergonomically shaped airway tube for firm and ergonomic grip during insertion
- Convenient depth marks for monitoring correct position
- Color coded pouch with directions for use
- MR safe
- Phthalate-free

## Laryngeal Mask-AuraGain



**Origin: China**

### Key Benefits

- Integrated gastric access channel for managing gastric content
- The original anatomical curve, ensuring rapid placement
- Intubating capability using standard ET-tubes
- Integrated bite absorption area prevents airway occlusion
- Pilot balloon identifies mask size and provides tactile indication of degree of inflation
- Navigation marks for guiding flexible scope
- MR safe
- Phthalate-free material

## ECG Electrodes Sensor



## WhiteSensor WS

**Origin: Malaysia**

The Ambu WhiteSensor WS features a highly conductive solid gel with strong adhesion to ensure a good signal quality during short-term ECG monitoring applications. Thanks to the flexible foam backing material, the electrode ensures ease of use and comfort during application.

### Key Features

- Conductive solid gel
- Strong High-tech adhesive foam
- Standard Ag/AgCl sensor
- Flexible foam backing
- Standard center stud connection

## ECG Electrodes Sensor



## BlueSensor T

**Origin: Malaysia**

The Ambu BlueSensor T features conductive wet gel, offset connector and suitable adhesion, to ensure a stable signal in stress tests and short-term applications.

### Key Benefits

- Offset connector mitigates the impact on signal quality from external forces like pulling of lead wires and pressure on electrodes
- Offset connector allows the user to connect and disconnect the lead wire without applying pressure to the patient or the sensor area, which reduces the risk of gel spreading and adhesive detachment from skin
- Conductive wet gel lowers skin impedance effectively and immediately
- Wet gel optimizes contact between skin and electrode
- Adhesive is gentle to the skin and suitable for short-term application
- Ag/AgCl sensor ensures stable signal quality
- Visible release liner can help prevent medical accidents for both users and patients





## Neuroline Concentric (EMG Needle)



**Origin: Malaysia**

### Key Features

- Superior robotic production for consistently high quality
- Ergonomic hub design with an index mark allows secure grip and orientation
- Ultra sharp tip eases insertion and gives less pain
- Reduced friction due to smooth surface of the cannula
- Well-defined recording area gives easy reproduction of results
- Colour coded hub offers simple size identification
- 6 sizes - more choices
- No risk of cross-contamination

## Neuroline Concentric (EMG Cable)



**Origin: Malaysia**

### Key Features

- The reusable needle cable has a 'no orientation' connection to the needle and a 5 pin 2700 DIN connector for equipment.
- The Ambu 5 Din Concentric Cable is a reusable EMG Cable for Ambu Concentric Needles.
- The cable is a strong, yet flexible, shielded wire for superior signal quality, low cable memory, high durability and greater ease of use
- The cable is available in 40" lengths with a shielded wire.
- The Concentric Cable fits most EMG equipment.





# Kenswick

OT Light  
Pendant

## Kenswick

The Platinum Standard

### Country of Origin: Germany

Company established specializing in the distribution of medical devices from 2009.

- A German-based company
- The platinum standard meaning that the quality of the products is second to none.
- Put the customers first
- Provide the most immediate and reliable service



**Mobile VLED (Greatest flexibility for illumination)**



**Model:** VLED 7.0  
Made in Germany

**Features**

- Light intensity up to 160,000 lux
- Depth of field over 1300mm
- Adjustable light field from 20-30 cm
- Adjustable color temperature 3800K/4300K/4800K (only for VLED 7.0 )
- Power consumption at 70W only
- Good maneuverability of light heads for different positions
- Big 4" wheels for better mobility
- Optional battery charger can stand for more than 6 hours at 50% illumination
- HD wireless camera can be added as optional

**VLED Surgical Light (With/Without Camera)**



**Model:** Kenswick VLED 7.0  
Made in Germany

**Kenswick VLED 7.0 Specifications:**

- Diameter of light head: 70 cm
- Illumination: 160,000 lux
- Light field diameter: 20-30 d10(cm)
- Depth of field L1+L2: 90 (cm)@60%
- Color Rendering Index: > 97
- Color temp adjustment: n/a
- Color temperature: 3800K/4300K/4800K
- Radiant energy: < 3 (mW/m2.lx)
- Power input voltage: 220 V
- Power consumption: 70 W
- Frequency: 50/60 Hz
- Wire preparation: Optional
- Illumination adjustment: 25-100%
- Service life: 50,000 hrs
- Laminar flow index (Leeneman): 3.9
- IP: 50

**Kenswick VLED 7.0 Camera Specifications:**

- Effective picture elements: 2,140,000 pixels
- Video signal out: HD 1080p/59.94
- Lens: 10xzoom (F1.8 to F3.4)
- Digital zoom: 12x (120x with optical zoom)
- Minimum illumination: 0.35 lux
- S/N ratio: 50 dB or more
- Focus: Full auto & manual
- White balance: Auto
- Gain: Auto
- Iris control: Auto & manual 16 steps
- Camera control: LCD screen/press button
- Video output: HD: Analog component(Y/Pb/Pr)
- Operating temperature/Humidity: 5C to +60C
- Power consumption: 3.4W
- Power requirement: 12V
- Handle: Aluminium made & sterilizable

## MEGA M1/M2 Surgeon Pendant



### Standard configurations:

**Service head:** 6 sided with 3 compartments

**Gas Outlet:** O2 x 1, VAC x 2, MA4 x 1

**Electricity:** 8 x main sockets, 2 x equipotential pins

**Low voltage:** 2 x RJ45

**Platform:** 2 x height adjustable platform

**Drawer:** 1 x platform with drawer

## MEGA M1/M2 Anesthesia Pendant



### Standard configurations:

**Service head:** 6 sided with 3 compartments

**Gas Outlet:** O2 x 1, VAC x 1, MA4 x 1, N2O x 1, AGSS x1

**Electricity:** 8 x main sockets, 2 x equipotential pins

**Low voltage:** 1 x RJ45

**Platform:** 1 x height adjustable platform

**Options:** Wire baskets, infusion IV pole, monitor carrier, med-rail with clamp, keyboard drawer, std drawer

## MEGA E1/E2 Endoscopy Pendant



### Standard configurations:

**Service head:** 6 sided with 3 levels

**Gas Outlet:** O2 x 2, VAC x 1, MA4 x 1, CO2 x 1

**Electricity:** 10 x main sockets, 2 x equipotential pins

**Low voltage:** 2 x RJ45

**Platform:** 4 x height adjustable platform

**Drawer:** 1 x platform with drawer

## MEGA E1/E2 Surgeon Pendant



### Standard configurations:

**Service head:** 6 sided with 2 levels

**Gas Outlet:** O2 x 1, VAC x 2, MA4 x 1

**Electricity:** 8 x main sockets, 2 x equipotential pins

**Low voltage:** 2 x RJ45

**Platform:** 2 x height adjustable platform

**Drawer:** 1 x double drawer



### MEGA AF1 Anesthesia Pendant



**Standard configurations:**

**Service head:** 2 sided with 4 compartments

**Gas Outlet:** O2 x 1, VAC x 1, MA4 x 1, N2O x 1, AGSS x1

**Electricity:** 8 x main sockets, 2 x equipotential pins

**Low voltage:** 1 x RJ45

**Electrical lift:** 1 x lifting device for anesthesia machine

### MEGA AF2 Anesthesia Pendant



**Standard configurations:**

**Service head:** 2 sided with 4 compartments

**Gas Outlet:** O2 x 1, VAC x 1, MA4 x 1, N2O x 1, AGSS x1

**Electricity:** 8 x main sockets, 2 x equipotential pins

**Low voltage:** 1 x RJ45

**Electrical lift:** 1 x lifting device for anesthesia machine





# BenQ

OT Light

OT Table

Medicam

## BenQ

Because it matters

### Country of Origin: Taiwan

The company was formerly known as Trident Medical Corp. and changed its name to BenQ Medical Technology Corporation in June 2011.

- Provides high quality, reliable and innovative medical equipment, consumables and solutions
- Offers products and solutions
- Received numerous awards and international certifications
- Boasting excellent product quality BenQ Medical products are sold in over 50 countries around the world



## TriLite LS810



### Intelligence of the Adjustable Lighting Color Temperature

#### Features

The color temperature is adjustable from 3,500 to 5,000 K to support the surgical procedure's requirements and to accommodate the surgeon's preference.

The color temperature can be adjusted into 6 different levels with the indicator on the lighthead controller. It allows the surgical team to detect the subtle differences in clinical practices and ensures the best visibility of the target during the procedure.

Optional low ceiling type.

## TriLite LS800



### All Clinical Requirements Satisfied

#### Features

Combining the Latest LED technology and cutting edge lens design, the light field of TriLite LS800 presents high luminance, homogenous light distribution, and an outstanding color rendition. The blades design and multiple light sources provide superior shadow management. In addition, the LED arrangement and single baffle give ample luminance for deep cavity penetration.

TriLite LS800 meets all clinical requirements and satisfies all the needs for surgical lighting. Superior light quality and a homogeneous light field assist the surgical team to carry out smooth and successful procedures.

Optional low ceiling type and mobile type.

## TriLite LED S600



### Experience, Technology and Design

#### Features

This technology is better, not only for you and your patient, but for the environment as well. With many hospitals devoted to "green" practices, TriLite LED can be part of your solution. Not only does it use one-third less energy than traditional lights, but it is rated for 50,000 hours of life. Less energy, less waste, better performance. Now that is a brighter idea.

Optional low ceiling type.

## Dr.LiTE 2066



### Advantage Matrix for OR Illumination

#### Features

The advance Dr.LiTE provides optimal illumination in the surgical field, in addition, a wide range of configuration that is closely matched to the needs of any procedures. Dr.LiTE features excellent focus capability. This is the best choice surgeon will find that meet their battle demand and lited budget.

The Dr.LiTE ceiling solution offers you the widest range of possible combinations customized to your use, as well as great flexibility of positioning in a confined space.

The domevision video system is intended that a camera and up to flat TFT screen be fixed onto a separate arm of the Dr.LiTE ceiling system. The flat TFT screen also can be connected signal with digital or analog endoscopy systems.

Optional low ceiling type.

## Poseidon Q200 Series



### All the Right Moves in Imaging

#### Features

Poseidon Q200 series provides 530mm (21") of tabletop slide, reverse patient orientation mode, extended height adjustment range, powered kidney bridge and the greater tabletop tilt capability all together for the best full-body image coverage and an easy access of C-arm and microscope. Its outstanding performance allows the surgical team to handle well from the general surgeries to the specialized surgical procedures.

The feature, the Position Detecting and Alarm System, detects all position adjustments in tabletop slide and alarms the possible collisions during tabletop actuations to ensure the ease of use and to secure the maximum safety of patient during the surgeries. The available Position Memory System can further facilitate operational convenience and add values of time saving.

## Poseidon Q100 Series



### Outstanding Value & Versatility

#### Features

The tabletop longitudinal slide for 350mm provides a completed coverage for C-Arm and X-ray and the height adjustment range is from 685mm to 1135mm.

The powered leg plate can be lowered up and down easily and it makes the surgical team's work more efficient.

The detachable split upper and lower leg plate can create more additional positioning possibilities to meet the needs of surgical practices.

The combination of leg plates and knee crutches offers simple and flexible patient positioning for gynecological, urological, rectal and MIS procedures.

## TriMax 650NS Series



### Ultra Low Tabletop & Versatility Beyond Users' Inspired

#### Features

The lowest table height, 530mm, can provide ample room underneath the head-end tabletop and allow the surgeon more comfortable access to the operating site when sitting.

The slide mechanism drives the tabletop 360mm longitudinally. Tabletop width of 520mm allows secure and stable positioning of the patient during the surgical procedure. The leg section is operated by gas spring, easy for operating position.

## Dr. MAX 7000S Series



### The Perfect Combination Orthopedic Extension Surgical Procedures

#### Features

The streamlined design surgical table, Dr.Max7000 series, has fully electromotive hydraulic drive. It offers optimal flexibility and versatility to minimize setting time for patient's positioning and an easy access of C-Arm fluoroscopic and microscopy in orthopedic surgery. It also provides the surgical team the normal and reverse patient orientation in order to achieve different assignments. The two features, 350mm longitudinal slide (7000S) and 180° rotation (7000N) which make Dr. Max 7000 series perfectly suitable for greater accessibility and full-body fluoroscopic procedure.

Carbon Fiber is operated easy by user. No matter what's orthopedic surgery, carbon fiber is unlimited in any angle that saving a lot of time set up the position. Carbon Fiber provides excellent access to the operating field.



## Dr. Max 5800 Series



### The Most Versatile OR Table

#### Features

Dr. Max 5800 series provides the tabletop 300mm longitudinal slide, split leg plates and built-in kidney bridge (optional) functions to facilitate ease of use as well as shortening the process prior to surgeries.

The auxiliary control (optional) has the water-resist cover to protect all the control switches on the table base. All function buttons on the hand control panel have internationally recognized symbols for all functions to allow easy identification.

The DC battery power supply system (optional) under fully charge-will be able to supply about 60-80 operations during general operating usage.

## NOVEL NOT-5600 Series



### In Various Surgical Procedures

#### Features

NOT-5600 surgical table series designed to position patients effectively, facilitate an easy access and control for either surgical team or C-Arm and to ensure patient safety and comfort. To satisfy the needs for productivity, efficiency of use, ease of maintenance and long-term reliability and durability, this surgical table has been created to fulfill these missions at the most attractive price-to-performance ratio.

## NOVEL 330T Series



### Manual Universal Surgical Tables

#### Features

Novel-330T series of mobile surgical tables is fully manual operated for easy and effective comfort. The surgical tables are hydraulically operated in elevation and gear-mechanism operated in elevation and gear-mechanism operated in all of tabletop articulations through head-end control position. This avoids wasting time at looking for controls located over the table or disturbing the surgical team when the table needs to be adjusted during a surgical procedure. The four models are mostly identical except for differently additional new features to effectively position of patients in addition it is available at a very attractive price.



## FM-105



### Features

- Integrated with Fasmado wireless camera, ultra light-weight, no weight feeling for long time wear.
- Same view area recording from loupe viewing angle.
- Loupe offers the widest field of view and longest depth of focus.
- Multi-coated precision lenses for superb clarity and reduced reflection.
- Wireless 802.11 b/g/n
- 3 levels of light intensity: 5,000~ 10,000 Lux
- Bluetooth Foot Pedal
- Long working time: 3~5 hours

## FL-200LM



### Features

- Integrated with Fasmado cordless LED, ultra light-weight, no weight feeling for long time wear.
- Spotlight same view area from loupe viewing angle.
- Easily turn the loupe up without interference with LED lamp
- Loupe offers the widest field of view and longest depth of focus
- Multi-coated precision lenses for superb clarity and reduced reflection.
- Cordless with lightweight only 190g
- 4 Levels of Light Intensity(Max. 35,000 Lux)
- Color Temperature: 5500k
- Rechargeable Battery for long working hours

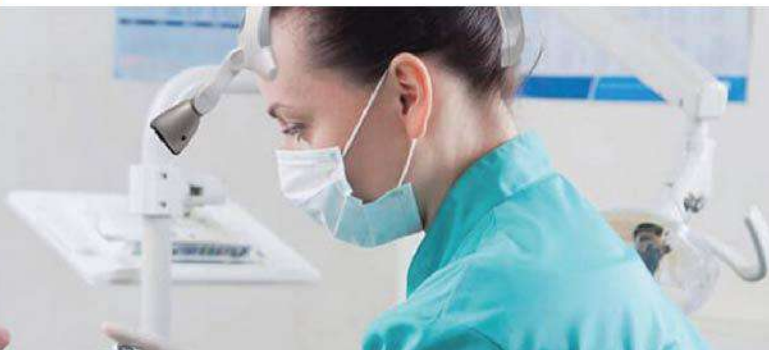
## FM-150



### Features

- Handheld size, Lightweight (100g) easy for carry
- Wireless 802.11b/g/n
- Instant Auto focus lens (25~ 400mm)
- View Angle (Magnification): 100 (6x), 190 (3x) or 280 (2x)
- Integrate with LED light
- High-quality video (FHD) resolution with audio (ACC)
- Cordless display through APPs(WIN10, iOS, Android)
- Touchpad buttons for recording, snapshot, field-of-view and focus adjustment
- Store video into internal memory (128GB)
- Live streaming through Fasmado cloud(AWS server)
- Long working time: 4 hours
- Dimension: Length: 136mm, Front-diameter: 19mm

BENQ  
MEDICAM







# Fresenius Kabi

Syringe Pump  
Volumetric Infusion Pump  
Conox & Link+Agilia  
Amika

## **Fresenius Kabi**

Caring for life

### **Country of Origin: Germany**

Fresenius Kabi was established in 1999.

- A global healthcare company that specializes in lifesaving medicines and technologies for infusion, transfusion and clinical nutrition.
- Products and services are used to help care for critically and chronically ill patients.
- Fresenius Kabi employs over 41,000+ people worldwide.
- In 2021 the company reported sales of more than €6.9 7.1 billion.
- R & D expenses more than €553 million.

# SYRINGE PUMP & VOLUMETRIC INFUSION PUMP

## Agilia SP



### Features

- Easy and intuitive to use
- Stand alone or rack mounted
- Wide flow rate ranging from 0.1-1200mL/h and an accuracy of  $\pm 3\%$
- 2 pressure modes and Dynamic Pressure System (DPS)
- Upto 100 types of Syringes
- Fast Start: Not mandatory prime set by default resulting in fast start if user does not prime with bolus button ensuring programmed flow rate to be reached faster.
- Anti-bolus system: Reduces significantly bolus after occlusion release <0.35 mL max for a 50 mL syringe

## Agilia SP MC



### Features

- Dose rate programming for less risk of errors in prescription computation
- Wide flow rate ranging from 0.1-1200 mL/h and an accuracy of  $\pm 3\%$
- Adaptable to all protocols
- Up to 19 drug libraries embedded
- Easy and intuitive to use
- Stand alone or rack mounted infusion pump with alarm
- 2 pressure modes and Dynamic Pressure System (DPS)
- Infusion without any display of the drug names. 19 Custom profiles configurable.

## Agilia VP



### Volumetric Infusion Pump

#### Features

- Easy and intuitive to use
- Stand alone or rack mounted
- Wide flow rate ranging from 0.1-1200mL/h and an accuracy of  $\pm 5\%$
- 2 pressure modes and Dynamic Pressure System (DPS)
- Free-flow protection: All sets integrate the SafeClip that automatically clamps the line to avoid any risk of free-flow when the door is opened and when the set is disengaged.
- Needle-free access: Some sets integrate a needle-free Y injection site to protect the medical staff against the risk of needle-stick injuries.
- Anti-bolus system: Reduces significantly bolus after occlusion release (0.35 mL max.).

## VL ST00



### Agilia Volumat Infusion Pump Set

#### Features

- Approximate length: ~ 270 cm
- Approximate priming volume: ~ 25 ml
- Main materials: PVC, Silicone
- Infusion of drugs / fluids having no particular filtration requirements & incompatibility
- No leach of DEHP
- Security of good set positioning in the pump.
- Security against free flow when the set is removed from the pump.
- Set recognition by the pump.
- Preparation and priming similar to a gravity set.
- Possible use with any bags or bottles.
- Visual control of the infusion.
- Possible use by gravity.
- No risk of allergy to latex



## Conox®



### Smart Anaesthesia Monitoring

Conox is a non-invasive depth of anaesthesia monitor to be used by healthcare professionals in surgery rooms or ICU environments during anaesthesia and sedation procedures.

It is a tool that helps to assess the patient's state of consciousness and the probability of response to noxious stimuli under the hypnotic and analgesic effects.

#### Features:

**Battery Life:** 1.5 hours of battery

**Dimensions:** 215 x 150 x 65 mm

**Display size:** 154.08 x 85.92 mm

**Weight:** 785 gr

**Bluetooth:** 2.1, selectable, send only, range up to 8m

#### Usability:

- Touch screen with direct access to the monitor functions
- Friendly graphical user interface.
- On demand sensor impedance check & automatic check every 15 minutes.
- Lead off detection.

#### Portable:

- Compact and lightweight design.
- Easy attachment with a 360° pole clamp.
- Bluetooth connectivity.

#### Reliability & Stability:

- Fast detection of patient's state during intravenous and inhaled anaesthesia.
- Stable and reliable monitoring, helping anaesthesiologists to reduce risks associated with anaesthetics.
- Optimization of the dosing of hypnotics and analgesics.

## Link + Agilia



### Infusion Rack System with advanced communication capabilities

#### Features

- Accommodates 4, 6 or 8 Agilia IV pumps for power centralization and advanced communication capabilities.
- The pumps centralization display is visible 360° up to 4 meters.
- Works with standardized communication protocols, ensuring seamless IT integration.

Smart Anaesthesia Monitoring

# CONOX



## Amika®



### Enteral Nutrition Pump

Amika® is an ambulatory volumetric pump intended to be used for administration of fluids through transnasal or percutaneous feeding tubes. Amika® delivers fluids in a continuous mode using a linear peristaltic pumping mechanism.

#### Features

##### Designed for more safety

- Dedicated enteral giving sets designed with ENPlus and ENLock
- Latest sensor technology for enhanced detection capability
- Keypad and Settings Lock functions for a safer use of Amika® by the patient

##### Intuitive for higher efficiency

- Graphical symbol-based display for rapid and universal understanding
- Ergonomic and robust design suitable for hospital and homecare
- Direct access to main functions to optimize workflow

##### Convenient for better comfort

- Silent operating
- Compact design and long battery life for high mobility
- Multiple possibilities of pump settings to adapt to all environments
- Versatile pump holder usable with a wide range of supports

## Amika®

### Enteral Nutrition Pump







# SECA

**mBCA**

**Height Measuring Systems**

**Pediatric Measuring Systems**

**Baby Scale**

**Column Scale**

**Flat Scale**

**Chair Scale**

**Accessories**

## **seca**

Precision for Health

### **Country of Origin: Germany**

Joachims established it in 1840 and in 1888 Frederik Vogel bought and named the brand SECA.

- The world market leader
- Journey of 182 years (since 1840) and so on
- Exclusive partner and dealer network in over 110 countries
- EMR integration - validated and certified SECA products equipped for the future
- Absolute precision, reliability and longevity is the foundation for every SECA product
- 60 % of market share

## mBCA-medical Body Composition Analyzer



### Model: Seca mBCA 514

#### Features

- Fast and easy assessment of body composition, e.g., Analysis of fat and fat-free mass, total body water, extracellular water, intracellular water and skeletal muscle mass.
- Measuring time is only 17 seconds
- Six modules for varied analysis of measurement data.
- Medically precise, validated against gold standard measurement results.
- Network-compatible with seca 360° wireless technology.
- Simple and convenient entry and read-out of results on swiveling touch-screen display.
- Electrodes on handrail give patients a firm stance and ensure reproducible results.
- Integrated scale with a weighing capacity of up to 660 lbs.
- Precise. Proven by international medical studies.
- Extra-large platform: Enough space even for extremely tall people or people affected by severe obesity
- EMR-validated: transmit measured data directly to any Electronic Medical Record (EMR) system

#### Technical data:

- Capacity: 300 kg
- Graduation: 50 g < 150 kg > 100 g
- Weight: 36 kg
- Measurement method: 8-point Bioelectrical Impedance Analysis
- Measurement segment: right arm, left arm, right leg, left leg, right half of body, left half of body, torso

## Ergonomic circumference measuring tape



## Height Measuring Systems

### Model: Seca 201

#### Features

- Retractable measuring tape for precise body measurements.
- Printed scale on side makes results easy-to-read.
- Convenient one-handed operation - fasten start of tape to retraction mechanism.
- Compact and easy to store.

#### Technical Data

- Measurement range: 0-205 cm / 0-80"
- Weight of device: 50 g

## Roll-up measuring tape with wall attachment



### Model: Seca 206

#### Features

- Space-saving roll-up mechanism.
- Simple read-out of results through display window.
- Durable tape made of metal.

#### Technical Data

- Measuring range: 0 - 220 cm / 0 - 87"
- Graduation: 1 mm / 1/8"
- Weight: 202 g / 0.4 lb



## Portable stadiometer



### Model: Seca 213

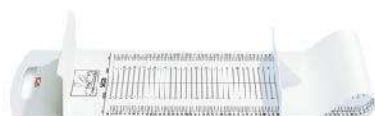
#### Features

- Simple and easy to set up - no wall fastening necessary.
- Large floor plate ensures stability.
- Result clearly visible while measuring.
- Convenient and easy to transport.

#### Technical Data

- Measuring range: 20-205 cm / 8-81"
- Graduation: 1 mm / 1/8"
- Device weight: 2.4 kg / 5.3 lbs

## Mobile measuring mat for babies and toddlers



### Pediatric Measuring Systems

#### Model: Seca 210

#### Features

- Light-weight and easy to clean, suitable for commercially available disinfectants.
- Fixed head piece and the sliding foot positioner make it simple to use.
- Measuring mat rolls up for easy transport and space-saving storage.
- With fitting for storing on wall

#### Technical Data

- Measuring range: 10-99 cm / 4-39"
- Graduation: 5 mm / 1/4"
- Weight: 575 g / 1.3 lbs

## Infantometer for measuring babies and small children



### Model: Seca 416

#### Features

- Robust, extra large construction for precise measuring.
- Automatically correct lying position due to trough-shaped lying area.
- Scale printed along top side for easy reading.
- Space-saving.

#### Technical Data

- Measuring range: 33 - 100 cm / 13 - 39"
- Graduations: 1 mm / 1/16"
- Weight: 3.8 kg / 8.3 lbs

## Light and stable measuring board for mobile use



### Model: Seca 417

#### Features

- Simple operation for quick mobile use.
- Folds up for space-saving storage.
- High-quality materials for long service life.
- Smooth surfaces for easy cleaning.

#### Technical Data

- Measurement range: 10-100 cm / 4-39"
- Graduation: 1 mm / 1/16"
- Device weight: 1.6 kg / 3.5 lbs

## Mobile digital baby scale



### Model: Seca 334

#### Features

- With Breast-Milk-Intake Function (BMIF).
- Handy and light for mobile medical use.
- Comfortable cradle.
- Large, easy to read LCD display.
- Reliable results due to automatic damping system.
- Optional measuring rod seca 232.

#### Technical Data

- Capacity: 20 kg / 44 lbs
- Graduation: 5 g < 10 kg > 10 g / 0.2 oz < 22 lbs > 0.5 oz
- Weight: 2.8 kg / 6.2 lbs

## Digital baby scale also converts to a flat scale for children



### Model: Seca 354

#### Features

- Baby scale and floor scale for children in one.
- Weighing tray easy to detach from base.
- Breast-Milk-Intake-Function.
- Mobile and robust for transport.

#### Technical Data

- Capacity: 20 kg / 44 lbs
- Graduation: 5 g < 10 kg > 10 g, 0.2 oz < 22 lbs > 0.5 oz
- Weight: 2.3 kg / 5 lbs

## Mechanical baby scales with sliding weights



### Model: Seca 725

#### Features

- Classic design and high-quality precision mechanics.
- Precise ascertainment of weight due to zero adjustment.
- Softly curved weighing tray for maximum safety.
- Easy-care and mobile

#### Technical Data

- Capacity: 16 kg, 35 lbs
- Graduation: 5 g, 1/4 oz
- Weight: 6.4 kg / 14.1 lbs

## Wireless baby scale with fine 1g graduation



### Model: Seca 727

#### Features

- Finest graduation of 1 g: For detecting even slight weight changes.
- Wireless data transmission: For connection to EMR or wireless printer.
- Damping system: For precise weighing of restless infants within seconds.
- New backlit LCD: For easy read off.
- Auto-HOLD function: For prolonged display of results.

#### Technical Data

- Capacity: 20 kg / 44 lbs
- Graduation: 1 g < 6 kg > 2 g / 0,1 oz
- Weight: 7.1 kg / 15.7 lbs



**Digital column scales with capacity of up to 300 kilograms**



**Model: Seca 703**

**Features**

- Network-capable with seca 360° wireless technology.
- Accurate, extremely robust seca scale technology for up to 300 kg.
- BMI, Pre-TARE, HOLD, auto-HOLD, mother/child function.
- Optional measuring rod expands scale into a measuring station.

**Technical Data**

- Capacity: 300 kg / 660 lbs
- Graduation: 50 g < 150 kg > 100 g / 0,1 lbs < 330 lbs > 0,2 lbs
- Weight: 15.2 kg / 33.5 lbs

**Digital column scales with BMI function**



**Model: Seca 769**

**Features**

- Includes BMI function, TARE and HOLD
- Robust weighing platform made of steel
- Easily movable with transport wheels
- Can be powered with batteries for mobile use or a power adapter for stationary use
- Expandable to measuring station with an optional height measuring rod
- Cost-effective and low-maintenance due to low power consumption.

**Technical Data**

- Capacity: 450 lbs, 200 kg
- Graduation: 100 g / 0,2 lbs
- Weight: 6,2 kg , 13,7 lbs

**Digital column scale with eye-level display**



**Model: Seca 777**

**Features**

- Medical-grade, robust scale designed for years of use with high patient volume.
- Built-in measuring rod with 4 - 90" measuring range.
- USB interface for EMR integration solutions or PC connectivity.
- Large rubber coated castors for excellent movability.
- Robust tilt-proof full metal platform, no plastic.

**Technical data:**

- Capacity: 550 lbs, 250 kg
- Graduation: 100 g / 0,2 lbs
- Weight: 12.7 kg, 28.0 lbs

**Mechanical column scale with large round dial**



**Model: Seca 786**

**Features**

- With hip-high column for easy read-out.
- With large black platform.
- Ready for use without electrical connection or battery.
- Integrated transport castors

**Technical data:**

- Capacity: 150 kg
- Graduation: 500 g
- Weight: 6.9 kg

**EMR validates column scale with eye-level display**



**Model: Seca 787**

**Features**

- Medical-grade, robust scale for years of use with high patient volume.
- Digital measuring rod with an extra long measuring range.
- Two-line display shows height and weight.
- EMR validated: Send results directly into the EMR.
- Damping system and Auto-HOLD guarantee quick and precise weighing.

**Technical Data**

- Capacity: 550 lbs, 250 kg
- Graduation: 100 g/ 0.2 lbs
- Weight: 12.9, 28.43

## Mechanical personal scales with fine 500 g graduation



### Model: Seca 762

#### Features

- Timeless design classic with large, easy-to-read circular scale
- Corrosion resistant inside and outside: Moisture is not a problem
- Robust, powder-coated steel housing provides an attractive and longlasting finish
- Clip fixation system for easy rubber-mat exchange
- Ready for use without electrical connection or battery

#### Technical Data

- Capacity: 150 kg / 320 lbs
- Graduation: 500 g / 1 lbs
- Weight: 3.5 kg / 7.7 lbs

## Electronic flat scales



### Model: Seca 813

#### Features

- Solid steel frame,
- Non-slip rubber base for safe standing during measuring
- Large LCD digits for easy reading
- Step-off function for weighing without switching on the scale
- More than 165 years of experience for maximum precision
- From the global market leader for medical weighing and measuring

#### Technical Data

- Capacity: 200 kg
- Graduation: 100 g
- Weight: 2,9 kg

## Mobile flat scales



### Model: Seca 874

#### Features

- Double display lets the doctor and patient read simultaneously
- Reliable and durable: seca quality that pays off
- May be used standing up thanks to the foot switches
- Can weigh 10,000 times with a single set of batteries
- Mother+child function to weigh toddlers

#### Technical Data

- Capacity: 200 kg / 440 lbs
- Graduation: 50 g < 150 kg > 100 g / 0,1 lbs < 330 lbs > 0,2 lbs
- Weight: 4,1 kg , 8,9 lbs

## Flat scales for mobile use



### Model: Seca 876

#### Features

- Mother+child function to weigh toddlers while cradled on the mother's or father's arm
- Precise weighing technology for medical use
- May be switched on while standing up thanks to the tap-on function
- Leveling feet for strong stability
- Can weigh 10,000 times with a single set of batteries

#### Technical Data

- Capacity: 250 kg
- Graduation: 100 g < 150 kg > 200 g
- Weight: 4,2 kg



**Chair scales for weighing while seated**



**Model: Seca 952**

**Features**

- The simple solution for patients with decreased mobility
- Reliable and durable: seca quality that pays off
- Leveling feet for strong stability
- Wheels include brakes to ensure the scale stays in place when needed
- Intuitive user interface simplifies use
- Offers all essential functions for maximum efficiency

**Technical Data**

- Capacity: 200 kg / 440 lbs
- Graduation: 100 g / 0,2 lbs
- Weight: 22.4 kg / 49.4 lbs

**Wireless chair scales to weigh seated patients**



**Model: Seca 954**

**Features**

- Patients easy to move from bed to chair due to swiveling arm and foot rests.
- BMI function.
- Smooth running wheels.
- At the press of a button measured results can be transmitted wirelessly to a seca wireless printer or a PC

**Technical Data**

- Capacity: 300 kg / 600 lbs
- Graduation: 50 g < 150 kg > 100 g / 0.1 lbs < 330 lbs > 0.2 lbs
- Weight: 24.5 kg / 54 lbs



## Telescopic measuring rod for seca column scales



### Model: Seca 220

#### Features

- Measurements are easy to read, thanks to printing on side of rod and colour-coded markings.
- Aluminum makes rod especially durable.
- Abrasion-resistant scale made with high-quality screen printing process

#### Technical Data

- Measuring range in cm: 60 - 200 cm / 24 - 78 "
- Graduation [Measuring Rod]: 1 mm / 1/8 inch
- Net weight: 696 g , 1,5 lbs

## Measuring rod for baby scale 334 and others



### Model: Seca 232

#### Features

- Measuring results are easy to read with enhanced color markings.
- Includes head and foot positioners.
- Durable measuring rod made of aluminum.
- Scratch-resistant height rod made with a high-quality screen printing process.

#### Technical Data

- Net weight: 1.1 lbs 0.51 kg
- Measuring range: 35 - 80 cm / 14 - 32 inch
- Graduation measuring range: 1 mm / 1/8 inch

## Switch-mode power adapter for baby scales, column scales and flat scales



### Model: Seca 400

#### Technical Data

- Measuring range: 42 x 35 x 73 mm , 1,7 x 1,4 x 2,9 inch
- Weight: 155 g , 0,3 lbs

**seca®**

ACCESSORIES





The Meril logo consists of the word "Meril" in a white, sans-serif font, centered within a white rectangular box.

# Meril Life Science

**Total Knee Replacement**

**Total Hip Replacement**

## **Meril Life Science**

More to Life

### **Country of Origin: India**

Founded in 2006, Meril is an India-based, global medical device company that is dedicated to the innovation, design and development of novel, clinically relevant and state-of-the-art devices.

- Aim is to improve the quality of human life through innovative and advanced healthcare solutions
- Ensure the best quality of standards in manufacturing, scientific communication and distribution to deliver path-breaking healthcare products to the world.
- Collaborate with physicians and global innovators to develop revolutionary therapies.
- Meril present in 100+ Countries with 42350+ Customers, conduct 985201+ Surgeries through 4895+ Channel Partners
- Developed more than 100 technologies
- Strong R & D facility with Diversified Manpower

## Destiknee



### Company: Meril Life (Max USA)

The DESTIKNEE system is proudly made in India (Originated Max USA Brand freedom). The knee system was developed using advanced designed engineering technologies and extensive clinical experience to address the anatomical, physiological and lifestyle needs of today's patients. Its significant design advances allow patients to achieve optimal high-flexion motion regardless of whether the all-poly or metal-backed tibial component is chosen.

Meril orthopedics, a venture of Meril in association with Maxx Ortho Inc, is at the helm of developing and marketing innovative Orthopedic implants. Our joint replacement technologies and wide range of products make us valuable to healthcare institutions in more than 40 countries.

DESTIKNEE requires minimum bone cutting and enables conservative bone resection. It provides high-flexion and is a USFDA-approved and CE-certified knee implant.

### Benefits:

- "7 radii" Patented design - For full spectrum of flexion
- Small Femoral Box Cut - for preservation of the bone
- 8 sizes for left and right knee

## Latitud Hip System



### Total Hip Replacement

#### Company: Meril Life (Max USA)

With Latitud - Hip system, we are combining long term clinically proven implant designs with a simple, efficient & precise instrumentation along with versatile & optimised implants inventory. Meril's new Latitud-Hip system consists of both cementless and cemented femoral components along with cementless acetabular components and bipolar options.

Meril orthopedics, a venture of Meril in association with Maxx Ortho Inc, is at the helm of developing and marketing innovative Orthopedic implants. Our joint replacement technologies and wide range of products make us valuable to healthcare institutions in more than 40 countries.

## Latitud Hip System



### Latitud Cemented Femoral Stem:

Latitud Cemented stems double tapered design philosophy and highly polished surface allows it to free micro-subside at the stem-cement interface and thus act as a self-locking taper, effectively and continually tightening step by step throughout the life of the hip.

Reproducible and strong primary fixation - When using the Latitud broach, surgeons are able to prepare a femoral bed matching the final stem, thus providing the basis for a strong primary fixation.

Precise and easy bone preparation - Especially for small sizes. The Latitud Stem features a smaller incremental change between the smallest size compared to larger sizes and an increased distal A/P taper in small sizes, thus facilitating precise bone preparation.

### The cemented femoral stem has following basic design features:

- The cemented femoral stem is manufactured from High Nitrogen Stainless Steel and intended to be mated with modular femoral head through 12/14 tapered male trunnion.
- It is highly polished, double tapered, collarless design and is intended to be used with bone cement (cemented fixation).
- It's neck has standard 12/14 taper male trunnion for connection to modular femoral head.
- This stem is available in 9 different sizes with standard (sizes 0, 1, 2, 3, 4) and narrow (sizes 1, 2, 3, 4) neck offsets.



### Latitud Hip System



#### Latitud Uncemented Femoral Stem:

Through HA coating supported by Grit blasted Ti-alloy stem, the 155  $\mu\text{m}$  hydroxyapatite coating supports osseointegration for long-term secondary fixation.

#### The uncemented femoral stem has following basic design features:

- Uncemented femoral stem is manufactured from Ti-6Al-4V-ELI conforming to ASTM F136-13 and intended to be mated with Modular femoral head through 12/14 tapered male trunnion.
- It is press fit, double tapered design with a hydroxyapatite (HA) coating and is intended to be implanted in prepared femur medullary canal without bone cement (press fit cementless fixation). HA coating is plasma sprayed coating
- It has both vertical and horizontal grooves to provide rotational and axial stability.
- It's neck has standard 12/14 taper male trunnion for connection to modular femoral head.
- It has instrumentation hole at proximal region to hold the stem by instrument and insertion of stem in medullary canal.
- It is available in different sizes (viz. 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10) with three different neck angle viz. 135 Standard (for stem size 0 to size 10), 135 lateralized (for stem size 0 to size 10) and 125 Standard (for stem size 0 to size 10).

### Latitud Hip System



#### Latitud Femoral Head (Cobalt-Chromium alloy):

#### Modular Femoral Head has following basic design features:

- Modular Femoral Head is manufactured from Cobalt-Chromium alloy (CoCr).
- Modular Femoral Head is intended to be used with uncemented stem or cemented stem through 12/14 taper connection and articulate with dedicated range of modular liner or bipolar monoblock shell.
- Modular Femoral Head is available in different sizes based on outer diameter ranging from 22 to 40 mm with different offsets viz. +0.0, +3.5, -3.5, +4.0, -4.0, +7.0.

### Latitud Hip System



#### Latitud-Bipolar Cup System

#### The bipolar monoblock shell has following basic design features:

- Bipolar monoblock shell is comprised of a factory assembled inner liner and highly polished stainless steel outer metal dome.
- In Vivo, the outer surface of the bipolar monoblock shell articulates directly with well-preserved acetabulum while the inner surface of bipolar monoblock shell articulates with compatible modular femoral head.
- The bipolar monoblock shell is available in variety of sizes with different outer diameter (37 mm to 43 mm) and an inner diameter (22 mm and 28 mm).



TOTAL HIP  
REPLACEMENT

## Latitud Hip System



## Latitud Acetabular Cup System

### Modular Shell has following basic design features:

- Modular Shell is manufactured from Ti-6Aluminium-4Vanadium-ELI and is intended to be used with mating liner.
- Modular Shell is designed as a hemispherical geometry, press-fit shell with a porous coating on outer surface and is intended to be implanted in prepared acetabulum without bone cement. It has internal taper and circumferential locking undercut feature to facilitate taper locking and rim locking of modular HXLPE liner with modular shell.
- Modular Shell is provided with a threaded apical hole at dome to attach instruments for surgical insertion in prepared acetabulum.
- Two/Three screw holes are provided in modular shell for optional additional immediate fixation through bone screws. Smaller modular shell sizes (i.e. outer diameter 40, 42, 44 mm) contain 2 holes while rest of shell sizes contains 3 holes.
- Eight/Twelve circumferential equidistant castellation are provided to fit with anti-rotational lugs of the modular HXLPE liner component. The smaller modular shell sizes (i.e. outer diameter 40, 42, 44 mm) have eight tab cutouts at every 45° and rest of the sizes have twelve tab cut outs at every 30°. Unused tab cut outs of shell are used for modular liner extraction, if required.
- Modular Shell is available in different sizes based on outer diameter ranging from 40 to 70 mm in 2 mm increments.

### Modular liner has following basic design features:

- Modular Liner is manufactured from HXLPE and fabricated form for surgical implants."
- Modular Liner is available in different variants having different inner diameter (22 mm to 40 mm) and outer diameter (35 mm to 52 mm) to accept various sizes of modular femoral heads and modular shells respectively. Spherical outer geometry of modular liner fits closely with dedicated modular shell. Spherical inner geometry of modular liner is designed to suit dedicated modular femoral heads with diameters (Ø) ranging from 22 to 40 mm.
- Modular Liner has external taper and external circumferential locking rim to achieve required press fit with modular shell for insertion and resistance to extraction.
- Four/Six circumferential equidistant de-rotational lugs are provided at the periphery of the external surface of the modular liner to fit in the castellations of modular shell. This anti-rotational tab locking feature provides anti-rotation stability to liner and also helps in visual check for full liner seating. Smaller modular liner sizes (i.e. outer diameter 35 & 37 mm) contain four de-rotation tabs located at every 90° while rest of the modular liner sizes contain six de-rotation tabs located at every 60°.
- Modular Liner contains three circumferential equidistant (at every 120°) holes on top surface for surgical instrumentation used to insert the liner into modular shell.

LATITUD  
ACETABULAR  
CUP  
SYSTEM







# EcoMed

LED X-Ray View Box

OT Table

Handheld Vital Sign Monitor

## EcoMed

A reliable partner you could rely on

### Country of Origin: China

EcoMed was established in 2000.

- 21 years experiences in the field
- Ecomed has installed its products in over 60 countries with over 30,000 customers
- Key players in China in terms of its overall strength in R&D, manufacture, distribution and service in medical field.
- Quality product with perfect pricing and service
- First-class after-sales service

## Single-Section



**Model: 360MT**  
**Origin: China**

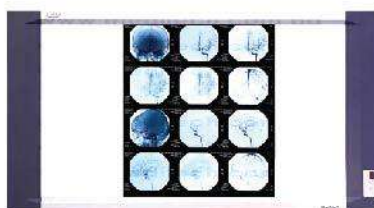
### Key Features:

- Excellent material (Acryl produced by Japanese brand)
- Ultra slim design (22mm)
- iFAS function (auto sensor or screen on function)
- Close timer function (shut off automatically after 1 hour)
- Energy saving and long life
- Space saving and easy to installation
- Smart Film- clamping set

### Specifications:

- Size: L×H×W (mm): 537×495×23
- Light Color Temperature: 10000° K
- Net Weight: 3.5Kg
- Visible Size: L×H (mm): 370×422
- Power Consumption: 20W

## Double-Section



**Model: 750MT**  
**Origin: China**

### Key Features:

- Excellent material (Acryl produced by Japanese brand)
- Ultra slim design (22mm)
- iFAS function (auto sensor or screen on function)
- Close timer function (shut off automatically after 1 hour)
- Energy saving and long life
- Space saving and easy to installation
- Smart Film- clamping set

### Specifications:

- Size: L×H×W (mm): 885×495×23
- Light Color Temperature: 10000° K
- Net Weight: 5Kg
- Visible Size: L×H (mm): 751×422
- Power Consumption: 40W

## Tri-Section



**Model: 1100MT**  
**Origin: China**

### Key Features:

- Excellent material (Acryl produced by Japanese brand)
- Ultra slim design (22mm)
- iFAS function (auto sensor or screen on function)
- Close timer function (shut off automatically after 1 hour)
- Energy saving and long life
- Space saving and easy to installation
- Smart Film- clamping set

### Specifications:

- Size: L×H×W (mm): 1240×495×23
- Light Color Temperature: 10000° K
- Net Weight: 7Kg
- Visible Size: L×H (mm): 1072×422
- Power Consumption: 60W

## Quad-Section



**Model: 1500MT**  
**Origin: China**

### Key Features:

- Excellent material (Acryl produced by Japanese brand)
- Ultra slim design (22mm)
- iFAS function (auto sensor or screen on function)
- Close timer function (shut off automatically after 1 hour)
- Energy saving and long life
- Space saving and easy to installation
- Smart Film- clamping set

### Specifications:

- Size: L×H×W (mm): 1590×495×23
- Light Color Temperature: 10000° K
- Net Weight: 9Kg
- Visible Size: L×H (mm): 1432×422
- Power Consumption: 80W



## OT Table (Semi Auto Ecobase)



### Model: Ecobase 8100

#### Features:

- Mattress is wrapped with quality leather, high-density memory sponge in one piece, with seamless, and antistatic, waterproof design.
- Various actions are controlled by hydraulic pneumatic system. Two control modes (fully auto by remote control and semi-auto) are available to move the table body to max 300mm in totally 8 directions.
- MCU processing is used, self-locking function is provided to avoid false triggering.
- Quality stainless steel is used for table support, base plate, column shield and rails on both sides of the table, easy for cleaning and sterilization.
- Table support system is with heavy weight capacity up to 400KG.
- Famous and quality carbon steel plate is used for the table top, which is suitable and convenient for Radiology application on the whole body.
- Special design of foot treadle brake device easy for moving and fixed position operation use.
- Abundant accessories applicable for multiple position use applicable for different operation.

## OT Table (Semi Auto)



### Model: Ecobase 6000

#### Features:

- Mattress is wrapped with quality leather, high-density memory sponge in one piece, with seamless, and antistatic, waterproof design.
- Various actions are controlled by hydraulic pneumatic system. Two control modes (fully auto by remote control and semi-auto) are available to move the table body to max 300mm in totally 8 directions.
- MCU processing is used, self-locking function is provided to avoid false triggering.
- Quality stainless steel is used for table support, base plate, column shield and rails on both sides of the table, easy for cleaning and sterilization.
- Table support system is with heavy weight capacity up to 400KG.
- Famous and quality carbon steel plate is used for the table top, which is suitable and convenient for Radiology application on the whole body.
- Special design of foot treadle brake device easy for moving and fixed position operation use.
- Abundant accessories applicable for multiple position use applicable for different operation.

OT TABLE ▶



# OT TABLE & HANDHELD VITAL SIGN MONITOR



## OT Table (Fully Electric)

**Model: Ecobase 6400**



### Features:

- The mattress can be with foam molding with good shape and easy to clean, or other choices.
- Electric gynecology bed is mainly used for clinical examinations, driven by low-voltage DC motor with advanced backup power, safe and reliable.
- The bed frame is made of high quality stainless steel or spray painting carbon steel for two different models.

## Handheld Vital Sign Monitor

**EPM 10**

**Origin: China**



### Features of EPM 10:

- 3.5-inch color LCD Screen
- NIBP, SPO2, Pulse Rate, Temp parameters.
- Measurement within 2 seconds by scanning uniquely.
- Visual Alarm,
- Data output via Bluetooth.
- Optional Et-CO2,
- Lithium battery (6 hours battery life)

## Handheld Vital Sign Monitor







# Flower Medical

LED X-Ray View Box  
OT Light  
OT Table  
Furniture

## Shanghai Flower Medical Equipment Co., Ltd

To Do First-class Products, Creating The World Brand!

### Country of Origin: China

Shanghai Flower Medical Equipment Co., Ltd is a company with both technology and service mainly engaged in the research and development, production and sales of medical devices.

- Professional service concept, and diversified products
- Over Eleven years of experience in production
- High-quality medical device design team
- Passed the EU CE certification and ISO9001, ISO 13485 certification, and in Russia, Brazil, Iran and other countries demanding product registration products.
- High demand of the Products in the market.
- Annual production value of more than 160 million yuan (24.5 million US \$).

## Single-Section



**Model: FJ 1-1**  
**Origin: China**

### Key Features:

- LED lamp using the latest technology of LED solid-state lighting light source, light source.
- More uniform, the multi-link film observation lamp has no dark area.
- Thinner, LED view lamp thickness is less than 23mm.
- The color temperature is more stable
- With a longer life span, LED illuminant has a life span of 50,000 hours
- More environmentally friendly, with no mercury in environmental protection.
- Brightness stability, no frequency flash, greatly reduce the visual fatigue.

### Specifications:

- Size of Screen: 360 X 420 mm
- Size of Box: 510 X 480 X 25 mm
- Voltage: AC220V
- Voltage: AC 100-250 V, 50-60 HZ
- Power: 22

## Double-Section



**Model: FJ 1-2**  
**Origin: China**

### Key Features:

- LED lamp using the latest technology of LED solid-state lighting light source, light source.
- More uniform, the multi-link film observation lamp has no dark area.
- Thinner, LED view lamp thickness is less than 23mm.
- The color temperature is more stable
- With a longer life span, LED illuminant has a life span of 50,000 hours
- More environmentally friendly, with no mercury in environmental protection.
- Brightness stability, no frequency flash, greatly reduce the visual fatigue.

### Specifications:

- Size of Screen: 820 X 430 mm
- Size of Box: 900 X 570 X 105 mm
- Voltage: AC220V
- Frequency: 50HZ
- Power: 120W

## Tri-Section



**Model: FJ 1-3**  
**Origin: China**

### Key Features:

- LED lamp using the latest technology of LED solid-state lighting light source, light source.
- More uniform, the multi-link film observation lamp has no dark area.
- Thinner, LED view lamp thickness is less than 23mm.
- The color temperature is more stable
- With a longer life span, LED illuminant has a life span of 50,000 hours
- More environmentally friendly, with no mercury in environmental protection.
- Brightness stability, no frequency flash, greatly reduce the visual fatigue.

### Specifications:

- Size of Screen: 1330 X 430 mm
- Size of Box: 1210 X 570 X 105 mm
- Voltage: AC220V
- Frequency: 50HZ
- Power: 140W

## Quad-Section



**Model: FJ 1-4**  
**Origin: China**

### Key Features:

- LED lamp using the latest technology of LED solid-state lighting light source, light source.
- More uniform, the multi-link film observation lamp has no dark area.
- Thinner, LED view lamp thickness is less than 23mm.
- The color temperature is more stable
- With a longer life span, LED illuminant has a life span of 50,000 hours
- More environmentally friendly, with no mercury in environmental protection.
- Brightness stability, no frequency flash, greatly reduce the visual fatigue.

### Specifications:

- Size of Screen: 1440 X 430 mm
- Size of Box: 1510 X 570 X 105 mm
- Voltage: AC220V
- Frequency: 50HZ
- Power: 160W



### FL720/720 LED Operating Light



FL720/720 LED Operating Light The main purpose: FL720/720 LED operating lights is Shared by a set of lights illuminate produced an effect, it is can increase the brightness, The function used in the process of the doctor surgery can make doctors can more clearly see all kinds of organizations, to avoid operation error.

#### Standard Specifications:

Model	FL720/720
Diameter of dome	720/ 720mm
Illumination	160,000/ 160,000lux
Color temperature adjustment	3500-5000K
Color indication index	>97Ra
Spot diameter	130-350mm
L1+L2 Illumination-adjusting	50-100%
Ultraviolet light irradiance within 40mm wavelength	0.002W/m <sup>2</sup>
Focus mode	Manual
Power supply	220/110V
Frequency	50/60Hz
Input power	100VA
Light source	LED
Average Service Life	>60,000 hrs
Temperature rise at surgeon's head°	<1°C

### FZ700/700 Shadowless Operating Light (Prism)



#### Standard Specifications:

Model	FZ700/700
Illumination	160,000/ 160,000lux
Color temperature adjustment	4300 ± 500K
Color indication index	>97Ra
Spot diameter	120-280mm
Illumination Depth	>1000mm
Power supply	220/110V
Input power	550VA
Power of bulb	150W/150W
Frequency	50/60Hz
Service life of halogen bulb	1000 hrs
Lowest height of installation	2900mm
Temperature rise at surgeon's head°	<2°C

### FZ700 Shadowless Operating Light (Prism)



#### Standard Specifications:

Model	FZ700
Illumination	160,000lux
Color temperature adjustment	4300 ± 500K
Color indication index	>97Ra
Spot diameter	120-280mm
Illumination Depth	>1000mm
Power supply	220/110V
Input power	220VA
Power of bulb	150W
Frequency	50/60Hz
Service life of halogen bulb	1000 hrs
Lowest height of installation	2900mm
Temperature rise at surgeon's head°	<2°C

## FZ500D Shadowless Operating Light (Prism)



### Standard Specifications:

#### Model

Illumination  
Color temperature adjustment  
Color indication index  
Spot diameter  
Illumination Depth  
Power supply  
Input power  
Power of bulb  
Frequency  
Service life of halogen bulb  
Lowest height of installation  
Temperature rise at surgeon's head°

#### FZ500D

120,000lux  
4300 ± 500K  
>97Ra  
120-280mm  
>1000mm  
220/110V  
220VA  
150W  
50/60Hz  
1000 hrs  
2900mm  
<2°C

## FL720 LED Operating Light



### Standard Specifications:

#### Model

Diameter of dome  
Illumination  
Color temperature adjustment  
Color indication index  
Spot diameter  
L1+L2 Illumination-adjusting  
Ultraviolet light irradiance within 40mm wavelength  
Focus mode  
Power supply  
Frequency  
Input power  
Light source  
Average Service Life  
Temperature rise at surgeon's head°

#### FL720

700mm  
160,000lux  
3500-5000K  
>97Ra  
130-350mm  
50-100%  
0.002W/m<sup>2</sup>  
Manual  
220/110V  
50/60Hz  
100VA  
LED  
>60,000 hrs  
<1°C

## FL520D LED Operating Light



### Standard Specifications:

#### Model

Diameter of dome  
Illumination  
Color temperature adjustment  
Color indication index  
Spot diameter  
L1+L2 Illumination-adjusting  
Ultraviolet light irradiance within 40mm wavelength  
Focus mode  
Power supply  
Frequency  
Input power  
Light source  
Average Service Life  
Temperature rise at surgeon's head°

#### FL520D

500mm  
120,000lux  
3500-5000K  
>97Ra  
130-350mm  
50-100%  
0.002W/m<sup>2</sup>  
Manual  
220/110V  
50/60Hz  
100VA  
LED  
>60,000 hrs  
<1°C



### DT-12D Carbon Fiber Imaging Operating Table FDY-12D



#### Specifications:

- Height: 2400X530mm
- Lift height: 300mm
- Longitudinal moving distance: 260mm
- Reversed Trendelenburg/Trendelenburg: +22°/-22°
- Tilt Angle: +18°/-18°
- Angle of back plate: +60°/-18°
- Leg plate angle: +35°/-90°
- Head plate folding angle: +45°/-90°

#### Features:

- The table panel is made of carbon fibers. The low X-ray absorption coefficient and high resolution fluoroscopy imaging effect greatly reduce the radiation damage of X-ray to patients and medical staff. The length of the metal-free part of the bed is 1150 mm, which meets the requirement of 360-degree X-ray photography in 3D and orthopaedic navigation system.
- Metal-free all-carbon fiber head rack, made of carbon fiber material, has high-definition perspective effect, which fully meets the requirements of 3D head imaging.
- The scientific design of the base leaves wide space for C-arm movement, reserves space for foot movement for medical and nursing personnel, and ensures the balance and stability of the operating table in realizing various movements.
- One-button reset function facilitates the cleaning and disinfection work after operation in the operating room, and improves the work efficiency.

### DT-12D Electric Hydraulic Operating Table FDY-12D



#### Specifications

- Length: 2100mm
- Width: 550mm
- Adjustable range of height: 550-850mm
- Reversed Trendelenburg/Trendelenburg: +20°/-20°
- Lateral Tilt: +15°/-15°
- Head board folding upward/ downward angle: +45°/-90°
- Back board folding upward/ downward angle: +75°/-15°
- Leg board folding downward: 90°
- External Kidney bridge elevation: 120mm
- Tabletop Sliding: 350mm
- Power supply: 220v, 50Hz/110V, 60Hz
- Double control system: control panel at side of column

#### Features:

- The table is equipped with microcomputer controller, double control system, with key protecting from misoperation.
- Adjusted to low position so that doctor can sit to operate cerebral surgery ophthalmology
- The tabletop is made of penetrated x-ray material. There is cassette supporter under the tabletop which made radiography
- Base cover is made of aluminium alloy. Column cover is made of stainless steel

### FY-3008A



#### Specifications

- Length: 2100mm
- Width: 480mm
- Adjustable range of height: 800~1045mm
- Reversed Trendelenburg/Trendelenburg: +55°/-35°
- Lateral Tilt: +25°/-25°
- Head board folding upward/downward angle: +90°/-90°
- Back board folding upward/downward angle: +80°/-10°
- Leg board folding downward/outward angle: 90°/90°
- External Kidney bridge elevation: 120mm

#### Features:

- Base, column are made of stainless steel

# OT TABLE & FURNITURE

## 3008H Luxury Multi-functional Operating Table



### Specifications:

- Length: 2000mm • Width: 480mm
- Adjustable range of height: 650~890mm
- Reversed Trendelenburg/Trendelenburg:  $+28^{\circ}/-28^{\circ}$
- Lateral Tilt:  $+20^{\circ}/-20^{\circ}$
- Head board folding upward/downward angle:  $+90^{\circ}/-90^{\circ}$
- Back board folding upward/downward angle:  $+75^{\circ}/-10^{\circ}$
- Leg board folding downward/outward angle:  $90^{\circ}$
- External Kidney bridge elevation: 100mm

### Features:

- The bedstead, accessories, guide rail, base shell and column cover all are made of stainless steel and abtistatic finish as well.
- Back board and leg board are controlled by imported gas spring from Germany.
- The mattress is made of foam polyurethane, which has many advantages such as easy to clean, acid and alkali resistance and high temperature resistance
- The operation table body is made of stainless steel; the mattress is made of polyurethane foam molding. The table is supplied for surgical operation of chest, abdomen gynecology and obstetrics, orthopedic department.
- The function of rise and fall is by foot pump type, the rest of the actions are by mechanical drive head operation.

## FC-IIS Hydraulic Transfer Stretcher



### Specifications:

- High-Low range: 835mm-600mm
- Back-rest lifting angle:  $0-60^{\circ}$
- Trendelenburg & Reverse Trendelenburg angle:  $0-13^{\circ}$
- Standard accessories: Mattress, I.V.
- Pole Packing: 0.98 CBM/PC
- Net Weight: 82kg.

## FB-11 2 Cranks Nursing Bed



### Specifications:

- Size: 2150 X 900 X 500mm

## OT TABLE



Luxury Multi-functional Operating Table



**FB-12 3 Cranks Bed with ABS Bed Head**



**Specifications:**

- Size: 2180 X 900 X 420/620mm

**FC-8-1 Baby Cart**



**Specifications:**

- Size: 970 X 590 X 955mm

**FC-8-2 Baby Cart**



**Specifications:**

- Size: 970 X 590 X 955mm

**FC-8-3 Baby Cart**



**Specifications:**

- Size: 970 X 590 X 955mm



**FG 7-1: ABS Bed-stand**



**Specifications:**

- Size: 495 X 450 X 770mm

**FG-55: Movable Over Bed Table**



**Specifications:**

- Size: 800 X 400 X 640/930mm

**FG-56: Movable Over Bed Table**



**Specifications:**

- Size: 800 X 400 X 640/930mm







# US DEFIB

**Biphasic Defibrillator Monitor  
Automated External Defibrillator**

## **US DEFIB Medical Technologies**

Be Prepared Save a Life

### **Country of Origin: USA**

US Defib was established in 2011.

- **BUSINESS:** Smart solutions to preserve and save lives.
- **VISION:** To be among the best in the world in providing technology and smart solutions to preserve and save lives.
- **MISSION :** Provide technology and smart solutions to save lives.
- **VALUES:** US DEFIB is one of the largest companies that manufacture AEDs (Automated External Defibrillator) and Biphasic Defibrillator Monitors. The AED is crucial regarding the production technology conscious applied.

# DEFIBRILLATOR MONITOR

## Biphasic Defibrillator Monitor



Origin: USA

### Features:

- Perfect match for trolleys and MICU's
- Shock resistant and anti-flame
- Display Resolution: High Resolution Color
- LCD 7.2"
- Weight: 9.48 lbs / 4.3 Kg

## Automated External Defibrillator



Origin: USA

### Features:

- ECG tracing in LCD display
- Messages and command through text and voice
- Rechargeable lithium battery
- Weight: 4.2 lbs / 1.9 Kg







# M & B Electronic Instruments

Automatic External Defibrillator  
Defibrillator Monitor  
Spirometer  
Peak Flow Meter  
Jaundice Detector Machine

# AUTOMATIC EXTERNAL DEFIBRILLATOR & DEFIBRILLATOR MONITOR

## Automatic External Defibrillator



**Model: AED7000 Plus**

**Origin: China**

### Features:

- Color Screen size: 3.5 inch.
- Automatic self testing.
- Biphasic energy output.
- CPR metronome.
- CPR coaching (Optional).
- Adult and Pediatric defibrillation.
- Extensive voice and visual prompts for the operator.

### Specification:

- Output: Biphasic Truncated exponential.
- Energy Sequence: Adult: 150J, 150J, 200J; Pediatric: 50J, 50J, 100J
- Charge Time: 8 Sec. to 150J 4 Sec. to 50J/100J (New Battery)
- Analysis Time: 9 Sec.
- Audible Prompts: 20 audible prompts
- Visual Prompts: LED prompts; Automatic Self-test
- Controls: Two buttons- On/Off, Shock

## Defibrillator Monitor



**Model: DM7000**

**Origin: China**

DM7000 is a defibrillation device, which can meet your clinical needs from Basic Life Support (BLS) to Advanced Cardiac Life Support (ACLS).

### Display:

- Screen Type: High-resolution display
- Screen Size: 7 inches (17.7 cm) diagonally
- Sweep Speed: 25mm/sec
- Information: Heart Rate, Lead/Pads, Alarm On/Off, SpO2, AED Functions and Prompts, Alarm Selection and Limits, Delivered Energy.

### Defibrillator:

- Waveform: Biphasic
- Charge Time: Less than 7 seconds with a new fully charged battery.
- Energy Display: Monitor display indicates both selected and delivered energy.
- Charge Prompt Type: Voice and visual prompts.
- Electrode Impedance Measurement Range: 0-250 ohms.

### Battery:

- Type: Rechargeable, Ni-MH battery, 12v-3.8Ah
- Operating Time: For a new, fully charged battery 60 defibrillator discharges at maximum energy, or 3 hours minimum of continuous ECG monitoring. Additional parameters will be effect operating time with different functions.

### Manual Mode:

- Energy Selection: Selectable at 2, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360 joules.
- Synchronized Mode: S defibrillator pulse to patient's
- R-wave: "SYNC" message displayed on monitor.



## Spirometer



**Model: MSA99**

**Origin: China**

- Vital Capacity test, Forced vital capacity test, Maximum voluntary ventilation Test.
- Bronchodilator Test.
- Bronchial Challenge Test (functional upgrading)
- Mainly Used in hospital, clinics, physician's offices, laboratories and industrial health screenings.

### Features:

- Meet the ITS, NIOSH, ERS and DIAGNOSIS standard.
- Multi-language display and measurement report.
- With precision flow sensor, easy to clean and sterilize, long-term durability.
- 5.7" 320x240 dots LCD, memory capacity 300 measurement records
- Built-in precise 110mm thermal printer.
- Small size, light weight and easy to carry.
- It can be connected to PC station through USB port, performing a pulmonary function test directly with PC station, also thousands of measurements records can be stored.
- PC workstation supports the measurement and post-bronchodilator test.
- PC workstation support multi-language display and report printing.
- Support prediction equation for different races, including ITS, ECGS, KNUDSON, MORRIS/DOLGAR prediction equations.

## Peak Flow Meter



**Model: MSA100**

**Origin: China**

### Features:

- Meet ATS (American Thoracic Society) 1994 update standardization.
- Suitable for Hospital or Home.
- Maximum of records is 300 measurements.
- It can upload to MSA100 Analyzer software through Bluetooth or USB.
- Accurate Measuring of Peak Expiratory Flow.
- Portable, Convenient, Disposable, Hygienic.
- LCD Screen, Easy to Read.

### Technical Specification:

- Measuring Parameters: PEF, FEV1
- Measuring Methods: Turbine
- Measuring Range:  
PEF: 30~999L/min  
FEV1: 0.01~9.99L
- Measuring Resolution:  
PEF: 0.2L/s  
FEV1: 0.01L

### Measuring Accuracy:

PEF: 5% or 0.2L/s, whichever is greater  
FEV1: 3% or 0.1L, whichever is greater

# JAUNDICE DETECTOR MACHINE

## Jaundice Detector Machine



**Model: MBJ20**

**Origin: China**

### Features:

- Accurate result, instant and safe test result
- LCD display for convenient observation
- Long service life, low energy consumption
- Storage and memory function
- Convenient self calibration
- Browse and delete function
- Easy to operate and maintenance
- Can take more than 1000 readings after full recharge

### Main Function:

- Liquid Crystal Display is easily viewable
- Streamlined design makes it small, delicate and easy to be handled
- Long service life, low energy consumption
- Battery indicator indicates when battery needs recharging
- Test results are rapid providing serum bilirubin concentration
- Storage and memory function
- Convenient to browse and delete functions
- Convenient self calibration
- Easy use and maintenance



# OMRON

## Omron Healthcare

**Automated Blood Pressure Monitor**

**Compressor Nebulizer**

**Digital Thermometer**

### OMRON

Country of Origin: Japan

Omron Healthcare:

- Established in 1933
- 300+ Million Blood Pressure Monitor Sold
- 50 years Healthcare Innovation
- 110+ Countries
- Over 29,000 Employees in Omron Group



## HEM-7120-AP



### Simple one-touch operation.

#### Features:

1. **Cuff Wrapping Guide:** Guides user to the right cuff wrap by indicating "OK" to ensure an accurate and reliable blood pressure measurement
2. **Body Movement Detection:** Prompts user to retake measurement when an error is detected due to body movement
3. **Hypertension Indicator:** Heartbeat symbol blinks if your systolic or diastolic pressure is outside the standard range (above 135 systolic/85 diastolic mmHg).
4. **Irregular Heartbeat Detection:** An irregular heartbeat is a heartbeat rhythm that varies by more than 25% from the average heartbeat rhythm detected while the unit is measuring blood pressure.
5. **Enhanced IntelliSense Technology:** The new algorithm enhances measurement accuracy with a standard deviation of less than 4 mmHg. With a press of a button, the enhanced IntelliSense Technology delivers accurate measurements with comfort and ease of use.

The Enhanced IntelliSense™ Monitor inflates the cuff to the ideal level with each use. No adjustments are required by the user to select an inflation level. This is especially convenient for hypertensive users and for people with certain arrhythmia or heart disorders, because their blood pressure is likely to fluctuate.

#### Advantages of Enhanced IntelliSense Technology

- Fully automatic
- Personalized inflation for maximum comfort
- Quick deflation releases valve for speedy measurement

## HEM-7121-AP



### Providing accurate and comfortable upper arm blood pressure measurement with Enhanced IntelliSense Technology.

#### Features:

1. **Cuff Wrapping Guide:** Guides user to the right cuff wrap by indicating "OK" to ensure an accurate and reliable blood pressure measurement
2. **Body Movement Detection:** Prompts user to retake measurement when an error is detected due to body movement
3. **Hypertension Indicator:** Heartbeat symbol blinks if your systolic or diastolic pressure is outside the standard range (above 135 systolic/85 diastolic mmHg).
4. **Irregular Heartbeat Detection:** An irregular heartbeat is a heartbeat rhythm that varies by more than 25% from the average heartbeat rhythm detected while the unit is measuring blood pressure.
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The Enhanced IntelliSense™ Monitor inflates the cuff to the ideal level with each use. No adjustments are required by the user to select an inflation level. This is especially convenient for hypertensive users and for people with certain arrhythmia or heart disorders, because their blood pressure is likely to fluctuate.

#### Advantages of Enhanced IntelliSense Technology

- Fully automatic
  - Personalized inflation for maximum comfort
  - Quick deflation releases valve for speedy measurement
6. **Additional Memory Function:** The monitor automatically stores the result up to 30 sets.

## HEM-7121J



**With Omron's Advanced Accuracy Technology, HEM-7121J ensures consistent and precise measurements in the comfort of home.**

### Features:

- 1. Cuff Wrapping Guide:** Guides user to the right cuff wrap by indicating "OK" to ensure an accurate and reliable blood pressure measurement
- 2. IntelliSense Technology:** Automatically applies the right amount of pressure for fast, accurate and more comfortable measurement.

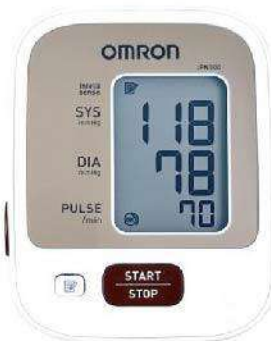
The IntelliSense™ Monitor inflates the cuff to the ideal level with each use. No adjustments are required by the user to select an inflation level. This is especially convenient for hypertensive users and for people with certain arrhythmia or heart disorders, because their blood pressure is likely to fluctuate.

### Advantages of IntelliSense Technology

- Fully automatic
- Personalized inflation for maximum comfort
- Quick deflation releases valve for speedy measurement

- 3. Memory:** Last reading recall

## JPN500



**Made In Japan. Providing accurate and comfortable upper arm blood pressure measurement.**

### Features:

- 1. Cuff Wrapping Guide:** Guides user to the right cuff wrap by indicating "OK" to ensure an accurate and reliable blood pressure measurement
- 2. Body Movement Detection:** Prompts user to retake measurement when an error is detected due to body movement
- 3. Hypertension Indicator:** Heartbeat symbol blinks if your systolic or diastolic pressure is outside the standard range (above 135 systolic/85 diastolic mmHg).
- 4. Irregular Heartbeat Detection:** An irregular heartbeat is a heartbeat rhythm that varies by more than 25% from the average heartbeat rhythm detected while the unit is measuring blood pressure.
- 5. IntelliSense Technology:** Automatically applies the right amount of pressure for fast, accurate and more comfortable measurement.

The IntelliSense™ Monitor inflates the cuff to the ideal level with each use. No adjustments are required by the user to select an inflation level. This is especially convenient for hypertensive users and for people with certain arrhythmia or heart disorders, because their blood pressure is likely to fluctuate.

### Advantages of IntelliSense Technology

- Fully automatic
- Personalized inflation for maximum comfort
- Quick deflation releases valve for speedy measurement

- 6. Memory:** Stores 60 Measurements in Memory

**BLOOD PRESSURE MONITOR**

**OMRON'S ADVANCED ACCURACY TECHNOLOGY**





# AUTOMATED BLOOD PRESSURE MONITOR

OMRON

## JPN600



**Made In Japan. Providing accurate and comfortable upper arm blood pressure measurement.**

### Features:

1. **Cuff Wrapping Guide:** Guides user to the right cuff wrap by indicating "OK" to ensure an accurate and reliable blood pressure measurement
2. **Body Movement Detection:** Prompts user to retake measurement when an error is detected due to body movement
3. **Blood Pressure Level Indicator:** For easy interpretation of blood pressure
4. **Irregular Heartbeat Detection:** An irregular heartbeat is a heartbeat rhythm that varies by more than 25% from the average heartbeat rhythm detected while the unit is measuring blood pressure.
5. **IntelliSense Technology:** Automatically applies the right amount of pressure for fast, accurate and more comfortable measurement.

The IntelliSense™ Monitor inflates the cuff to the ideal level with each use. No adjustments are required by the user to select an inflation level. This is especially convenient for hypertensive users and for people with certain arrhythmia or heart disorders, because their blood pressure is likely to fluctuate.

### Advantages of IntelliSense Technology

- Fully automatic
  - Personalized inflation for maximum comfort
  - Quick deflation releases valve for speedy measurement
6. **Stores 90 Measurements in Memory with date and time**
  7. **Average for last 3 readings within 10 minutes**
  8. **Guest Mode**

## HBP-1120-AP



**With 5 cuff sizes for a wide range of patient profiles, HBP-1120 is designed for use in professional setting and has been clinically proven to deliver fast and reliable results.**

### Features:

1. **Dual Measurement Mode:** Users can choose from two measurement modes-oscillometric measurement and auscultation method with the latter using stethoscope.
2. **Zero Indicator Function:** Provides medical professional with the added assurance on the device's pressure accuracy. The indicator lights when 'zero calibration' is being performed prior to blood pressure measurement. The device displays "OK" sign when it is ready for measurement.
3. **Motion Stop Function:** When body movement is detected, the device stops deflation for 5 seconds.
4. **Irregular Pulse Indicator:** Helps identify changes in heart rate, rhythm, or pulse which may be caused by heart disease or other serious health issues. The icon is also displayed when body movement is detected during measurement.
5. **5 cuff sizes available for measurement:** The unit can be used on pediatrics of age 3 years and above. Cuff sizes available for use on different arm circumference: XL:42-50cm, L:32-42cm, M:22-32cm, S:17-22cm, SS:12-18cm.
6. **Highly Durable:** Equipped with a highly durable pump, robust sensor, and uniquely shaped sturdy plastic cuff connector, HBP-1120 is durable enough to survive daily intensive use in hospitals and clinical setting.
7. **Battery or AC Operation:** The device can operate using 4 'AA' batteries or AC power.



## HBP-9030



**Ideal for self measurements in hospital/clinic settings. Get accurate measurements with HBP-9030 with its full suite of measurement support features that include elbow detection sensor & moveable cuff to guide users to correct sitting posture.**

### Specification

1. Fully automatic Blood Pressure Monitor for easy measurement can be used on children of 12 years old and older.
2. Automatic blood pressure monitor with easy-to-read display and user-friendly features
3. Compatible with a wide range of arm thickness (from 17 cm to 42 cm circumference)
4. LED display and audio voice guide users through the measurement procedure, making measurement easy for new users
5. Audio announcement of results after measurement
6. Antibacterial finishing for both the device and the cuff cover
7. Customized printed results with image/logo upload function
8. Measurement data can be directly transmitted via USB
9. The replaceable cuff eliminates the need to send the entire unit back to the customer service center for leakage repair, minimizing product downtime.
10. Accurate measurement with new user support functions

**Accurate Measurement Navigation:** The Illustration and audio guide support accurate measurements. Language of audio guide and printed results can be changed from English to Bengali, Indonesia Bahasa, Thai, or Vietnamese\*.

**Elbow Detection Sensor:** Guide user's arm to the correct position for measurement.

**Movable cuff:** The cuff provides angle control that supports taller people to have correct sitting and arm position comfortably.

## Complete™ Wireless Upper Arm Blood Pressure Monitor + EKG



**A clinically validated blood pressure monitor with built-in EKG technology for easy, at-home blood pressure and EKG monitoring.**

### Features:

1. Measures blood pressure and EKG simultaneously including systolic, diastolic, pulse, atrial fibrillation, tachycardia, bradycardia and sinus rhythm
2. Durable, contoured wide-range D-ring cuff fits arms 9" to 17" in circumference
3. Bluetooth technology allows to connect the free OMRON app, where it can track, store and share data with your physician for a continuous loop of heart-health insights that inform cardiac treatment decisions
4. Works with select iOS and Android devices
5. Free OMRON Connect app download to smartphone which allows viewing EMG results.
6. Dimensions: Height: 3.9", Width: 9.1", Depth: 4.8"; Weight: 19.4 oz

## BLOOD PRESSURE MONITOR

OMRON'S ADVANCED ACCURACY TECHNOLOGY



## NE-C28



High efficiency thanks to its powerful compressor and OMRON's V.V.T (Virtual Valve Technology). High nebulization rate allows fast treatment time & short inhalation time. Ideal choice for frequent & intensive use.

### Features:

1. Omron V.V.T (Virtual Valve Technology) to enable highly efficient nebulization with reduced medication wastage.

The valves in conventional nebulizers allow exhalation through mouthpiece. User can synchronize breathing with nebulization, hence reducing medication wastage. However, silicon valves are used in these nebulizers. Now with Omron's unique technology, Omron nebulizers offer benefits of valve function without silicon valves.

### Advantages of not having silicon valves:

- Safe and easy-to-clean nebulizer kit
  - Child-safe, silicon valve could be easily bitten off & swallowed by the child, causing hazard
  - Not easily blocked, reducing possibility of any infection
2. High Nebulization Rate of 0.4ml/min ensures optimized treatment duration
  3. Small Particle Size of MMAD 3 $\mu$ m to reach lower airway for effective nebulization
  4. Aerosol Output 0.4ml
  5. Aerosol Output Rate 0.06ml/min
  6. 7 ml medication capacity with minimal residual medication

## NE-C101



Omron NE-C101 makes managing your respiratory health easy. It's simple to use, efficient, ensuring quick and reliable treatment for you and your loved ones.

### Specification:

1. User-friendly Administers medication at the touch of a button
2. Efficient Nebulization Rate of 0.3ml/min
3. Small Particle Size of MMAD 3.9 $\mu$ m to reach lower airway for effective nebulization
4. 12ml Medication Capacity
5. Complete accessories including nebulizer kit, adult and child mask, mouthpiece, nosepiece, air tube, spare air filters and quick start guide





## MC-246



Omron digital offers a safe, accurate and quick temperature reading. It eliminates any worries about broken glass or mercury hazards.

### Features:

1. **Water-resistant:** For easy cleaning
2. **Buzzer:** Beeps when measurement is completed
3. **Battery Replaceable**
4. **For Oral, Rectal and Underarm Temperature Measurement**
5. **Fast Measurement:** 80 sec. for oral, 60 sec. for rectal and 120 sec. for underarm measurement
6. **Selectable °C / °F**
7. **Memory:** Recalls last temperature taken

## MC-720



Provides non-contact forehead temperature measurement suitable for all ages, including infants and young children.

### Features:

1. **Selectable °C / °F**
2. **Backlight:** Provides visibility in the dark
3. **Last Reading on the Same Display with Current Reading**
4. **Silent Mode**
5. **25 Memories**
6. **3-in-1 Measurement**

**Forehead Measurement Mode:** This mode displays the oral-equivalent value of the measured forehead temperature. This unit measures the temperature at the surface of the forehead by sensing infrared emission of the skin at the measured point, and then calculates the oral-equivalent value using a unique algorithm based on actual body temperature survey data.

**Room Temperature Mode:** The unit will display the room temperature even after the power is off.

**Surface Measurement Mode:** Surface measurement mode shows the actual and unadjusted surface temperature of an object, which is different from the body temperature. This mode can help you determine if the object temperature is suitable for a patient or baby (such as baby milk).

Gentle and Easy to Use

**\*\*The Forehead Thermometer is non-intrusive. A measurement can be taken even while the child is sleeping. It offers a more comfortable temperature measurement especially for young children.**

## DIGITAL & FOREHEAD THERMOMETER



## Forehead Thermometer MC-720

for children & adults





# Spirit

Sphygmomanometer (Blood Pressure Machine)  
Non Mercury Sphygmomanometer  
Aneroid Sphygmomanometer  
Stethoscope  
Digital Otoscope  
Fibre Diagnostic Otoscope  
Radiantile

## Spirit

Make Diagnostic Easier and Excellent

### Country of Origin: Taiwan

Spirit was established in 1975.

- A 47 years long journey and so on
- Continuous improvement of product design
- New products with patented design are turned out on a regular basis.
- Spirit secured ISO13485 and FDA accreditations. CE marked
- Customers spread in over 100 countries.

## Aneroid Portable Sphygmomanometer



**Model: CK-110**

**Origin: Taiwan**

### Specifications:

- Measurement Range: 0-300mmHg
- Inflation Method: Inflation and Air Release by Manual
- Cuff Size: approx. 510 x 142 mm / Nurse Type
- Cuff Material: Nylon
- \* Scale Glow-in-Dark
- \* Include a portable storage pouch.
- \* White reading scale is available

## Professional Switch Aneroid Sphygmomanometer



**Model: CK-112P**

**Origin: Taiwan**

### Specifications:

- Measurement Range: 0-300mmHg
- Product rotate: 360°
- Inflation Method: Inflation and Air Release by Manual
- Cuff Size: approx. 510 x 142 mm / Nurse Type
- Cuff Material: Deluxe Nylon
- \* Include a portable storage pouch
- \* Gauge protector, gauge weight is optional

## LCD Display Mercury-Free Sphygmomanometer



## Non Mercury Sphygmomanometer

**Model: CK-E301**

**Origin: Taiwan**

### Features:

- The novel design which is the same concept as mercurial Sphygmomanometer to support global environment pollution and saving source causes
- The precise results will show both on LCD panel and digital monitor
- Inflation and Air release by manual
- Must use with a stethoscope

## LCD Display Mercury-Free Sphygmomanometer (White)



**Model: CK-E301A**

**Origin: Taiwan**

### Features:

- Stored in plastic chamber.
- The novel design which is the same concept as mercurial Sphygmomanometer to support global environment pollution and saving source causes
- The precise results will show both on LCD panel and digital monitor
- Inflation and Air release by manual
- Must use with a stethoscope

# ANEROID SPHYGMOMANOMETER & STETHOSCOPE

**Spirit**  
SINCE 1975

## Mobile Type Large Round Face Aneroid



**Model: CK-132C**

**Origin: Taiwan**

### Specifications:

- Measurement range: 0-300mmHg
- Cuff size: approx. 510 x 142 mm / Nurse Type
- Cuff material: Nylon
- 2 tubes cuff set in adult size inflation system and coil tubing
- Scale Glow-in-Dark
- Complete with full user instructions
- Coil tubing
- Wheel Color: Black
- Patented heavy wheel based, drag steady without falling
- Product is self-assembled with Complete with full user instructions
- Total height: 870mm-1220mm
- Wheel width: 410mm

## Deluxe Series Adult Dual Head Stethoscope



### Stethoscope

**Model: CK-S601PF**

**Origin: Taiwan**

**Color:** Black, Dark Green, Dark Blue, Burgundy, Megenta

### Features:

- Stainless steel chestpiece provides excellent acoustic perception
- Binaural assembly with built-in sound centralized tubing
- Retaining and non-chill rings both in color-coordinated (for P model)
- Soft-sealing eartips in color-coordinated (for P model)
- Spare eartips and ID tag included
- Latex-free PVC tubing

## Deluxe Series Dual Head Stethoscope



**Model: CK-SS601PF**

**Origin: Taiwan**

**Color:** Black, Royal Blue, Megenta, Red

The revolution of interchangeable auscultation head that depends on diagnostic situations to use different convertible fittings.

### Features:

- CK-SS601PF with one end fixed with adult diaphragm, the other end can be interchanged with an adult bell or child diaphragm
- Binaural assembly with built-in sound centralized tubing
- Retaining and non-chill rings both in black or grey color
- Soft-sealing eartips in black or grey color
- Spare eartips and ID tag included

## Delux Series Cardiology Sthethoscope



**Model: CK-S747PE**

**Origin: Taiwan**

**Color:** Black, Royal Blue, Dark Blue, Megenta

### Features:

- Chest pieces and binaural are made of stainless steel
- Combination of a adult chest piece and a convertible pediatric chest piece for superior acoustic sensitivity
- Extra adult bell for low frequency response
- Binaural assembly with dual lumen tubing
- Retaining and non-chill rings both in black or grey color
- Soft-sealing eartips in black or grey color
- Color-coordinated eartips available for P series
- Spare eartips and ID tag included



## Deluxe Series Pediatric Dual Head Stethoscope



**Model: CK-S606P**

**Origin: Taiwan**

**Color:** Black, Royal Blue, Dark Blue, Teal, Red, Megenta

**Features:**

- With pediatric chestpiece
- Stainless steel chestpiece provides excellent acoustic perception
- Binaural assembly with built-in sound centralized tubing
- Retaining and non-chill rings both in color-coordinated (for P model)
- Soft-sealing eartips in color-coordinated (for P model)
- Spare eartips and ID tag included
- Latex-free PVC tubing

## Delux Series Infant Dual Head Sthethoscope



**Model: CK-S607P**

**Origin: Taiwan**

**Color:** Black, Royal Blue, Dark Blue, Megenta, Lavender, Red

**Features:**

- With infant chest piece
- Stainless steel chestpiece provides excellent acoustic perception
- Binaural assembly with built-in sound centralized tubing
- Retaining and non-chill rings both in color-coordinated (for P model)
- Soft-sealing eartips in color-coordinated (for P model)
- Spare eartips and ID tag included
- Latex-free PVC tubing

## Majestic Series Neonatal Dual Head Sthethoscope



**Model: CK-608T**

**Origin: Taiwan**

**Color:** Black, Baby Pink

**Features:**

- Chrome plated with newborn type of chestpiece
- Binaural assembly with flexible outer spring
- Metal retaining ring

## 3D Animated Animal Pediatric Stethoscope



**Model: CK-F606DPF**

**Origin: Taiwan**

**Color:** Yellow, Light Blue, Baby Pink

**Features:**

- Multi design of cute animal faces in chestpieces for pediatric use
- Lightweight binaural assembly in wearing comfort
- Binaural assembly with built-in sound centralizer tubing
- Retaining ring in black or grey color
- Spare eartips included

## Cutie Ladybug Single Head Stethoscope



**Model: CK-AC603LB**

**Origin: Taiwan**

**Color: Red**

### Features:

- Cutie Ladybug face in the middle of see-through chestpiece
- Lightweight binaural assembly with built-in sound centralized tubing

## Lovely Kitty Single Head Stethoscope



**Model: CK-AC603K**

**Origin: Taiwan**

**Color: Baby Pink**

### Features:

- Lovely Kitty face in the middle of see-through chestpiece
- Lightweight binaural assembly with built-in sound centralized tubing

## Video Otoscope/Digital Otoscope



**Model: S900**

**Origin: Taiwan**

### Function:

The RealView Video Otoscope is a device intended to display the captured ear images on the LCD screen to allow a trained medical practitioner to examine the external ear canal and tympanic membrane under magnification. Snapshot / Video / Playback

### Feature:

- Camera resolution: VGA 640 x 480 pixels
- Storage: Micro SD card up to 32GB
- Light source: 4 pieces white LEDs
- Display: 3" color TFT IPS 640x480 LCD
- Battery: 3.7V, 2600mA rechargeable lithium battery
- Output interface: Mini USB for charging and connecting to computer, TV out
- AEC (Automatic Exposure Control)
- AGC (Auto Gain Control): Auto

### Advantages:

- High quality and sharp images presenting by Micro-sensing Front Image Processing Technology.
- AEC (Automatic Exposure Control)
- AGC (Auto Gain Control)
- Maximum rang for observation through full screen images.
- No need to focus, navigate. Faster and easier.
- Easy to explain to patient, raising professional image.
- Photos and videos can be transferred to computer for editing, recording etc.
- For professional use, passed EMC, EMI tests.
- Can work with external monitors
- Super bright LEDs
- Built-in light source dimming function for brightness adjustment.
- Disposable probe cover.
- Washable probe tip.
- Snapshot and videos.
- Rechargeable lion battery

## Fibre Diagnostic Oscope



**Model: CK-939A-01**

**Origin: Taiwan**

**Color: Black**

- **Material:** metal
- **Accessories:** attachments in two sizes and two "AA" batteries and Plastic made handle
- **Design:** streamlined fiber optic design, eliminating blockage caused by ordinary light bulb
- **Other:** patented on / off switch for increased durability

## Radiantlite™



**Model: CK-917-01**

**Origin: Taiwan**

**Color: Black, Silver Matt, Yellow, Purple Blue, Blue, Red, Green, Light Blue**

- The new design, the cartridge is made of aluminum alloy with anodized treatment, light and brightness.
- Pocket clip press activator switch
- LED lamp is durable and power saving
- 2 "AAA" batteries







# Angioplast Private Limited

**3 Way Stopcock**  
**Extension Lines Pressure Monitoring Line**  
**Extension Lines Pressure Monitoring Line with 3 Way Stopcock**  
**Suction Catheter**  
**Suction Catheter with Thumb Controller**  
**Nasal Oxygen Cannula**  
**Oxygen Mask**  
**Nebulizer Mask with Tubing**  
**Heat Moisture Exchange Filter**  
**Bacteria Virus Filter**  
**Endotracheal Tube Cuffed**  
**Suction Tubing with Connectors**  
**Umbilical Cord Clamp**

## **Angioplast Pvt. Ltd.**

Quality Medical Devices Manufacturer

**Country of Origin: India**

**Brand Name: Angeltouch**

Angioplast Pvt. Ltd. was established in 1994.

- Over 25 years long journey in medical disposable device manufacturing.
- ISO 13485 and CE certified. More than 30 products have USFDA registration.
- In-House facilities for Injection Molding, class 10000 assemblies.
- Products are available in more than 52 countries.
- Export more than 80% of production
- 300+ Overseas distributors / MOH registrations
- GLP certified laboratory,
- GMP certified plant
- Government certified export house.
- EO (Ethylene oxide) sterilization.

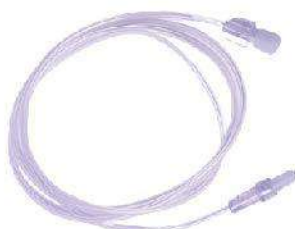
## 3 Way Stopcock



### Product Features

- All manufactured from transparent polycarbonate/PE
- Inside is completely smooth & available with moulded luer lock
- Manufactured from non-toxic medical grade material
- E.T.O. Sterile and pyrogen free

## Extension Lines Pressure Monitoring Line



### Product Features

- Made from non-toxic medical grade PVC compound
- Individually pressure tested
- Available in assorted length
- 100% Leak proof and no blockage
- ISO 594/1 & ISO 594/2 compliant end-connection
- Options available with Precision Flow Controller or 3 Way Stopcock
- Soft Clear Flexible Tubing
- Sterile, Non-Toxic and Pyrogen free
- Sterilized by E.O. (Ethylene Oxide) Gas
- 1 No. Male and 1 No. Female Luer Lock Adaptor with Cap/1.4 x 2.8 PVC Tubing/ Sterile/ Paper Poly Pack/ Length (cm)

## Extension Lines Pressure Monitoring Line with 3 Way Stopcock



### Product Features

- Made from non-toxic medical grade PVC compound
- Individually pressure tested
- Available in assorted length
- 100% Leak proof and no blockage
- ISO 594/1 & ISO 594/2 compliant end-connection
- Options available with Precision Flow Controller or 3 Way Stopcock
- Soft Clear Flexible Tubing
- Sterile, Non-Toxic and Pyrogen free
- Sterilized by E.O. (Ethylene Oxide) Gas.
- 1 no. Male Luer Lock Adapter with Cap/1 no. 3 Way Stopcock with 2 nos. Female Luer Lock Adaptors with Cap/2.8 x 4.1 PVC Tubing/Sterile/Paper Poly Pack/Length (cm)

## Suction Catheter



### Product Features

- Designed for tracheal / bronchial suction. Smooth clear PVC ensures efficient mucus suction while minimizing potential damage to the delicate tracheal mucous membranes.
- Specially designed for easy passage through plastic endotracheal and tracheotomy tubes with minimum irritation to patient.
- Open distal end with elliptical eye for easy and efficient suction.
- Color-coded connector at proximal end for instant identification of catheter size.
- Provided with X-ray opaque line for radiological identification.
- Size (FG): 12, 14, 16

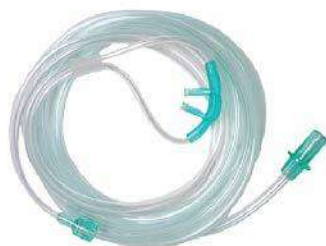
## Suction Catheter with Thumb Controller



### Product Features

- Manufactured from non toxic non irritant medical grade PVC
- Suction catheters are suitable for removal of secretion from mouth oropharynx trachea and bronchial tubes
- Distal eye is open with one lateral eye
- Provided with " T " type vacuum control valve with thumb control for proper maneuvering
- Frozen surface tubing for smooth intubation
- Colour Coded for instant size identification
- Size (FG): 12, 14, 16, 18

## Nasal Oxygen Cannula



### Product Features

- Also known as Twin Bore Nasal Oxygen Set
- Made from soft Medical grade PVC.
- Designed for easy administration of oxygen and comfort of patient.
- The mouth of the patient remains free for oral nutritional feeding and communication.
- Soft funnel shaped connector facilitates easy connection to oxygen source.
- Smoothly finished and adjustable nasal tips for maximum patient comfort.
- Twin prong nasal tips to ensure equal volume of oxygen to both air passages.
- Non-toxic, Pyrogen-free, Standard
- Length: 2 meters

## Oxygen Mask



### Product Features

- Designed for convenient oxygen therapy.
- Molded face mask with adjustable elastic strap for proper position of mask on the mouth and nasal area.
- Provide with 2-meter long star lumen tube to ensure continuous flow of oxygen.
- Proximal end fitted with soft funnel shape connector for easy connection to oxygen source.
- Sterile, non-toxic and pyrogen-free.

## Nebulizer Mask with Tubing



### Product Features

- Made from special transparent non toxic material.
- Nebuliser chamber capacity 6/7 cc.
- Facemask with aluminium clip designed to fit comfortably over the patient's mouth.
- The kit contains Jet Nebuliser, oxygen mask with nose clip, elastic band and 180 cm long tubing.
- The connecting tube has internal serrations (STAR LUMEN).
- ETO Sterile and Pyrogen free



## Heat Moisture Exchange Filter (HME Filter)



### Product Features

- The Heat and Exchange Moisturizers Filter (HMEF) is used in mechanically ventilated patients intended to help for preventing complications due to "drying of the respiratory mucosa, such as mucus plugging and endotracheal tube (ETT) occlusion. HMEF is one type of commercial humidification system.
- Moisture Output : 32 mg H2O/L
- Filtration Efficiency : 99.99 %
- Tidal Volume Range : 150 - 1500 ml
- Connections : 22M/15F-22F/15M
- Gas Monitoring Port : Yes
- Individually packed in Poly Pack.

## Bacteria Virus Filter (BV Filter)



### Product Features

- Moisture Output : 32 mg H2O/L
- Filtration Efficiency : 99.99 %
- Tidal Volume Range : 150 - 1500 ml
- Connections : 22M/15F-22F/15M
- Gas Monitoring Port : Yes
- Individually packed in Poly Pack.

## Endotracheal Tube Cuffed



### Product Features

- Non-return valve with indicator facilitate the cuff inflation and deflation
- Thin, smooth cuff inflates symmetrically elimination any risk of herniation
- Terminal end is suitable for 15mm connector
- Individual Packing in Blister Pack
- Available sizes: 4.0mm to 8.0mm
- ETO Sterile, Latex free
- Paper Poly Packing

## Suction Tubing with Connectors



### Product Features

- Non-conductive
- Strong to provide high collapse resistance
- Wide range of sizes and configurations allows efficient and cost-effective setup
- Soft and pliable for ease of use
- Available with male connectors
- ETO Sterile & Pyrogen free
- Length 210/250/300cm

## Umbilical Cord Clamp



### Product Features

- Designed for clamping the umbilical cord soon after the birth.
- Provided with double purpose security lock with a click to indicate correct locking and protect against accidental reopening.
- Provided with grooves all along the length to prevent slip of the umbilical cord and to retain it in same position.
- Clamp arms inclined at a suitable angle for easy movement for clamping.
- Finger grip to ensure safe and convenient handling, particularly for wet gloves.
- Available with re-opening facilities.
- Sterile, non-toxic and pyrogen free.

# AVANOS

## AVANOS

Ballard\* Closed Suction Systems For Neonates-Pediatrics, Y-Adapter  
Ballard\* Closed Suction System For Adults, Double Swivel Elbow  
Ballard\* Turbo-Cleaning Closed Suction System For Adults, Double Swivel Elbow  
Ballard\* Multi-Access Port Catheter, Double Swivel Y Elbow  
Ballard\* Mini-Bal Sampling Catheter  
Microcuff\* Subglottic Suctioning Adult Endotracheal Tube  
Avanos\* Oral Care Suction Toothbrush  
Ballard\* Self-Cleaning, Covered Yankauer (Oral Care Yankauer)  
Ballard\* Suction Handle (Oral Care Suction Handle)  
Ballard\* Oral Care Swabs, Bulk Packed (Oral Care Swab Bulk Packed)

### AVANOS Medical

Innovate Every Day

#### Country of Origin: USA

AVANOS Medical was established in 2014.

- VISION: To be the best at getting patients back to the things that matter.
- MISSION: We deliver breakthrough medical device solutions to improve quality of life.
- HEADQUARTERS: Alpharetta, Georgia
- LOCATIONS: Over 7 principal medical device production facilities
- EMPLOYEES: More than 5,300 worldwide
- 2020 NET SALES: \$715 million
- Latest innovative products in digestive health, respiratory health and IV therapy
- Market recognized brands in more than 90 countries and holds market leading positions in multiple categories across its portfolio

## Ballard\* Closed Suction Systems For Neonates/Pediatrics, Y-Adapter



As your trusted partner, Avanos Medical offers a full range of closed suction systems for your neonatal and pediatric patients. The BALLARD\* Closed Suction Systems are designed to safely suction patients on mechanical ventilation, while providing protection for both the patient and the caregiver.

### Product Features

- Reusable up to 24 hours
- Number and color-coded markings for easy and proper depth suctioning
- "Soft" low durometer catheter to minimize tracheal trauma
- Tactile sleeve for catheter advancement

## Ballard\* Closed Suction System For Adults, Double Swivel Elbow



Leader in closed suctioning for more than 30 years, BALLARD\* Standard Closed Suction Systems are a powerful tool in your fight against VAEs.

### Product Features

- Reusable up to 24 hours
- Depth markings for easy and proper depth suctioning
- "Soft" low durometer catheter to minimize tracheal trauma
- Tactile sleeve for catheter advancement
- Integrated MDI Port (Optional)

## Ballard\* Turbo-Cleaning Closed Suction System For Adults, Double Swivel Elbow



BALLARD\* Turbo-Cleaning Closed Suction System have advanced infection control features that redefine the standard of care for closed suctioning. BALLARD\* Turbo-Cleaning catheter is the only catheter that retracts within a unique, isolated, turbulent cleaning chamber.

### Product Features

- Sealed by our patented "PEEP seal" technology
- One-way lavage port designed to prevent "sprayback"
- Hinged valve isolates catheter tip and helps prevent inadvertent lavage
- Turbulent cleaning chamber creates cleansing action, resulting in a cleaner catheter
- PEEP seal helps reduce PEEP loss and inadvertent lavage
- Integrated MDI Port (Optional)

## Ballard\* Multi-Access Port Catheter, Double Swivel Y Elbow



Avanos Multi-Access Port Closed Suction System, which features BALLARD\* technology, has a compact rotating manifold that provides multiple ports to access the patient's airway without jeopardising integrity of the closed circuit. A closed circuit helps you protect your patient from cross-contamination and Ventilator Associated Events, VAE.

### Product Features

- Catheter Locks Into Separate Port and stays connected and clean
- Turbulent Cleaning Chamber for a cleaner catheter
- Sleeve Tether prevents over-retraction of catheter
- Single-Use Seal Cassette maintains PEEP during insertion of sampling catheter or other devices



# SAMPLING CATHETER, ENDOTRACHEAL TUBE & SUCTION TOOTHBRUSH

# AVANOS

## Ballard\* Mini-Bal Sampling Catheter



The AVANOS\* Mini-BAL Catheter is proven to enable a more accurate diagnosis.<sup>1</sup> Key design features, like the directional tip enable swift extraction of lower respiratory tract samples. Lower respiratory tract samples play a significant role in preventing false negatives and false positives, as seen in an estimated 23% of endotracheal aspirate cultures.<sup>1</sup> These secretions from the distal airway can help identify infectious pathogens of the lung for a microbiologically confirmed diagnosis.

### Product Features

- Directional tip allows right or left lung sampling
- Can be performed bedside in minutes by trained respiratory therapist or other trained clinicians
- Maintains PEEP when used with supplied ventilator adapter
- Features a soft, cushioned radiopaque tip for safe sampling from the lower lung
- The non bronchoscopic BAL procedure has been shown to help target or de-escalate antibiotic therapy in an estimated 60.7% of patients receiving initial broad spectrum therapy
- Bronchoscopic sampling utilizing a protected specimen brush and non bronchoalveolar lavage shows good overall agreement among quantitative cultures
- Convenient AVANOS\* Mini-BAL Catheter Prep Pack includes all accessories needed to quickly perform non bronchoscopic BAL at the bedside

## Microcuff\* Subglottic Suctioning Adult Endotracheal Tube



The MICROCUFF\* tube has advanced microthin polyurethane cuff material that allows the channels to "self-seal," reducing the possibility of leakage. The dimensions are designed for adult application.

### Product Features

- Provides an effective seal at low cuff pressure
- May reduce micro-aspiration of potentially infectious pharyngeal secretions - Potentially lowers risk of VAP in prolonged ventilation
- Designed for better contact with tracheal contour
- Thinner material allows for greater visualization of vocal cords when cuff is deflated
- Murphy Eye
- Seals at Low Cuff Pressure

## Avanos\* Oral Care Suction Toothbrush



The AVANOS\* Suction Toothbrushes are made from a single mold silicone toothbrush with soft and flexible bristles. This design helps prevent bristles from coming out while removing dental plaque, debris, and secretions more comfortably.

### Product Features

- Non-sterile
- Natural Rubber Latex-Free
- BALLARD\* Technology
- Single Use



# AVANOS

Avanos\* Oral Care Suction Toothbrush

### Ballard\* Self-Cleaning, Covered Yankauer (Oral Care Yankauer)



The AVANOS\* Covered Yankauer is a self-cleaning and covered with PEEP seal technology that cleans secretions and debris from the shaft after suctioning, leaving it drier and cleaner between uses. A high flow atraumatic tip with multiple holes allows for quick and effective removal of secretions.

#### Product Features

- Sterile
- Natural Rubber Latex-Free
- Single use
- Sterile
- Natural Rubber Latex-Free
- Ballard Technology

### Ballard\* Suction Handle (Oral Care Suction Handle)



The AVANOS\* Suction Handle is one of the tools offered in the Oral Care Kits. The Suction Handle is intended for use by a nurse or caregiver.

#### Product Features

- Ergonomic suction handle design that fits with all suction tools allows for the caregiver to perform the cleaning procedure more comfortably
- Soft on/off switch on suction handle allows for easy suction control
- Soft button for nurse's comfort
- Clip design on suction handle provides convenient and cleaner storage between uses

### Ballard\* Oral Care Swabs, Bulk Packed (Oral Care Swab Bulk Packed)



AVANOS\* Oral Care Swabs and Components are designed to assist the practitioner in providing proper oral care and to provide multiple configurations for varying patient needs.

#### Product Features

- Oral Care Swab with reinforced paper handle.
- Bulk Packaged, 500 per pack
- Single Use
- 2 packs/case
- Non-Sterile

AVANOS  
ORAL CARE





# AVI Healthcare

Infant Vein Viewer



# Advanced Health Technology

Vein Detector



## Infant Vein Viewer



**Model: VeinX**  
**AVI Healthcare**  
**Origin: India**

### Features:

- Bright Red focused LED
- Streamline design
- Adjustable Intensity
- Separate white light torch
- Universal USB charging
- Easy to use
- Effective and Portable

## Vein Detector



**Model: VD80**  
**AHT INC**  
**Origin: China**

### Features:

- Windows system provide a stable prompt function performance
- Fully digital image acquisition provides a high screen frame with excellent fluent continuity of image
- Various color display mode provides vein's identification effectively and image resolution, indicate vein's depth.
- Advanced optical structure design assures an excellent vein recognition rate and provides original position projection.
- High quality patent products, anti-interference and reduce the radiation effectively, stable and safe.

### Application

- Injection section, Lab blood collection room, Pediatrics, Micro plastic department, Peripheral vascular Department ex laser therapy, sclerotherapy, Vascular surgery's thrombosis observation, cerebral infarction patient 's scalp vein observation by neurologist, etc
- To help & support the observation of venous imaging.
- For different people need to observe the vein, ex: Infants / Children / Obese patient / Burnt patient / Skin disease patient / Edema patient / Heart disease patient / Tumor and chemo therapy patient / Health assessment / Monitoring therapeutic
- Clinical Application: Peripheral vascular lighting: transfusion room, blood collection room, testing room, etc.



**STURDY**  
APEX GROUP

**Sturdy**

Autoclave

### Autoclave



**Model: SA 600A**  
**Origin: Taiwan**

**Features:**

- Independent steam generator
- Wide range of usage
- Low water indication (Optional)
- Stainless steel Chamber Jacket, Door Support and Steam Generator
- Double wall chamber design
- Pre-heating program
- Cylindrical chamber size: 350 (L)

### Autoclave



**Model: SSA 450A**  
**Origin: Taiwan**

**Features:**

- Independent steam generator
- Wide range of usage
- Low water indication (Optional)
- Stainless steel Chamber Jacket, Door Support and Steam Generator
- Double wall chamber design
- Pre-heating program
- Cylindrical chamber size: 143 (L)



**AUTOCLAVE**

**STURDY**



Quality, Innovation & Service

**Sysmark Limited**

Specialty in  
Healthcare Fields



To Design, Source  
& Deliver the  
most Innovative &  
Trustworthy  
Products & Solutions

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