Serving you today for tomorrow.....
CONTENT

Overview ......................................................................................................................... pg 4

Digital Radiography
- Samsung XGEO GC80 .............................................................................................. pg 6
- Samsung XGEO GU60 ............................................................................................... pg 6
- Samsung XGEO GR40 ............................................................................................... pg 7
- Samsung XGEO GR40W ............................................................................................ pg 7

Ultrasound System
- Samsung Medison Accuvix A30 Ultrasound System ........................................ pg 8
- Samsung Medison UGEO H60 Ultrasound System ............................................. pg 8
- Samsung Medison Accuvix XG Ultrasound System ........................................... pg 9
- Samsung Medison SonoAce R7 Ultrasound System .......................................... pg 9
- Samsung Medison SonoAce R5 Ultrasound System .......................................... pg 10
- Samsung Medison SonoAce R3 Ultrasound System .......................................... pg 10
- Samsung Medison MySono U6 Ultrasound System ........................................... pg 11

Medical Viewer
- EIZO Diagnostic Monitor RadiForce GX340 ..................................................... pg 12
- EIZO Digital Mammography Monitor RadiForce GX1030 ................................... pg 12
- EIZO Diagnostic Monitor RadiForce RX340 ....................................................... pg 13

GE Healthcare IT Solutions
- GE Healthcare Centricity PACS-IW ........................................................................ pg 14

Processing/Film-Handling Equipment
- JPI tabletop Processor JP-33 ................................................................................ pg 15
- JPI Floor Stand Processor JP-903 ........................................................................... pg 15
OVERVIEW

OUR PHILOSOPHY
At LAC Medical, we follow a simple business philosophy: to devote our talent and expertise to provide superior products and services that contribute to a better society.

VISION
To be a well known leading quality healthcare supplier regionally.

MISSION
We strive to consistently;

• Provide the best quality products and services to meet our customers need.

• Deliver cost-effective medical supplies on time.

• Ensure that the highest level of customer service is provided.
LAC Medical Supplies Sdn Bhd has well established itself as a leader in medical equipment and accessories supplies. We take pride in challenging industry norms and delivering superior returns for our clients’ investments supported by superior levels of customer service.

Since its inception in 2002, we have evolved and expanded our services to cater for a wide range of specialties. Our business now includes the sales, supply, testing, commissioning and maintenance of medical equipment, consumables and healthcare I.T. solutions. Our main product range includes Medical Imaging equipment which expands across Digital Radiography (DR) systems, Ultrasound systems, futureComputed Tomography (CT) systems, Magnetic Resonance Imaging (MRI) systems as well as Medical Imaging consumables and accessories. We cover the whole supply chain by integrating and enhancing workflow efficiency with Healthcare I.T. solutions.

LAC Medical is an authorized distributor for Samsung Electronics Medical Equipment, the powerhouse behind the global digital revolution of the healthcare industry. With a broad array of cutting-edge, state-of-the-art technologies constantly researched and introduced to the market, we are ever ready to meet the demands of our customers in the Medical Imaging industry. We are also proud to be partnering GE Healthcare, another global leader in the healthcare industry, providing innovative Healthcare I.T. solutions to the market.

Combining a strong and dedicated team at LAC Medical together with the industry global leading partners, we are determined to position ourselves as the preferred, reliable vendor to the industry practitioners, both from the public and private sector.
**Samsung XGEO GC80**  
An Innovative & Cutting-Edge Digital Radiography System

The XGEO GC80 is the new flagship product from Samsung Electronics. It delivers high-quality DR performance along with a simplified workflow, to maximize user experience. The XGEO GC80 offers you the best diagnostic solution, while increasing your throughput and improving your workplace.

**Features**  
- FPD (Flat Panel Detector)  
- Outstanding Post Image Processing Technology ALCOS  
- Smart Stitching  
- Soft Handling  
- Full Automation  
- 6 way Table  
- Intuitive GUI & AUI  
- Remote Control System  
- THU Touch Screen  
- Individual Blade Control (4-way Control Device)  
- AEC & DAP  
- Anti-collision Sensor

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**Samsung XGEO GU60**  
Premium Usability In Digital Radiography

The XGEO GU60 offer an ergonomic approach to enhance efficiency and productivity. Through advanced technology from Samsung, exposure values can be lowered, while still maintaining a higher level of imaging. In addition, real-time monitoring ensures constant high-level performance.

**Features**  
- FPD (Flat Panel Detector)  
- Outstanding Post Image Processing Technology ALCOS  
- LED Lighting  
- Auto Positioning  
- Intuitive GUI & AUI  
- Remote Control System  
- THU Touch Screen  
- Individual Blade Control (4-way Control Device)  
- AEC & DAP  
- Anti-collision Sensor
Samsung XGEO GR40  
Top Value In Digital Radiography

The XGEO GR40, with its compact design and light weight, provides excellent imaging quality while maintaining low-X-ray exposure. Advanced Low Dose Amorphous Silicon Sensor (ALDAS) guarantees low doses of X-ray exposure and premium imaging quality.

**Features**
- FPD (Flat Panel Detector)
- Outstanding Post Image Processing Technology ALCOS
- Analog to Digital
- Detector Adapter
- Intuitive GUI & AU

Samsung XGEO GR40W  
Innovative Wireless Detector For Your Diagnostic Confidence

The wireless XGEO GR40W boasts convenience, light and compact design, and high quality image preview, providing high diagnostic confidence at a competitive price and allows for easy upgradability from analog X-ray or CR to DR.

**Features**
- FPD (Flat Panel Detector)
- Outstanding Post Image Processing Technology ALCOS
- Analog to Digital
- Detector Adapter
- Intuitive GUI & AU
Samsung Medison Accuvix A30 Ultrasound System

Accuvix A30 system establishes new benchmarks in operational convenience with features such as the proprietary EZ Exam™ and ElastoScan™. Furthermore, the Accuvix A30 offers world’s first 21.5-inch LED monitor enriched 3D performance, increased detection rates, advanced automation, customizable interface and forward-looking ergonomic design.

Features
• More Accurate Images
• Easier Operation
• Quick Access
• Hybrid Beamforming Engine
• 21.5-inch Full HD LED monitor
• EZ Exam™
• ADVR™
• QuickScan™
• Flexible controls
• Articulated monitor arm
• All-New User Interface
• Central locking

Samsung Medison UGEO H60 Ultrasound System

The UGEO H60 implements superior performance with new design principles of simplicity and lightness. Its 10.1” touchscreen improves usability while its 18.5” LED monitor enhances clinical images.

Features
• Hybrid Beamforming Engine
• SDMR™
• S-Flow™
• Beam Steering
• Volume NT & IT™
• 3D eXtended Imaging™ (3D XI™)
• Enhanced 4D Imaging
• Spatial Compounding Image™ (SCI™)
• QuickScan™
• 18.5-inch LED monitor and Touch Screen
• Digital TGC Preset
• Customisable Touch Menu
• Users’ Customisable Keys
• Ergonomic Design
**Samsung Medison Accuvix XG Ultrasound System**

Samsung Medison wants to give you an easier way to acquire more information, with greater confidence. The Accuvix XG empowers you through the best in image quality, automation, user interface and design. Experiencing the Accuvix XG will enable you to see beyond previous imaging boundaries.

**Features**
- 2D Image
- 3D Image Features
- Fully adjustable system
- Wide LED touch-screen
- 19-inch HD LCD Monitor and articulating monitor arm
- Portability
- Customizable measurement menus
- User keys and user knob
- Customized Annotation Menu and body marker
- QuickScan™
- HDVI™
- ElastoScan™

**Features**

**Design**
- Slim & Compact Design
- 17 Inch LCD Monitor
- Control Panel Up/Down Mechanism
- Backlit Keyboard
- Simple Control Panel
- Front and rear handles
- 4 swivel wheels

**Functionality**
- Full Spectrum Imaging
- Dynamic MR / Dynamic MR +
- Speckle Reduction Filter
- Quick Scan
- Auto IMT
- Post Processing
- Post measurement
- Full user customization

**Connectivity**
- Sonoview Pro – Off-line Analysis
- DICOM 3.0
- USB Printers
- DVD Recording & Writing
- Backup, Export, Transfer
- USB Flash Memory
- USB ECG Module

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**Samsung Medison SonoAce R7 Ultrasound System**

The SonoAce R7, with its innovative, ergonomic, and ultra-compact design, increases patient throughput by providing a simple user interface and Samsung Medison’s outstanding 2D/Color performance.

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**Features**

**Design**
- \[\text{Design Elements}\]
- \[\text{Dimensions}\]
- \[\text{Weight}\]

**Functionality**
- \[\text{Image Quality Features}\]
- \[\text{Automation Features}\]
- \[\text{User Interface Features}\]

**Connectivity**
- \[\text{Network Connections}\]
- \[\text{Data Storage}\]
- \[\text{Backup and Transfer Options}\]
Samsung Medison SonoAce R5 Ultrasound System

The SonoAce R5 is designed to provide you not only with the latest in diagnostic functions, but also the greatest possible user convenience.
• FDA Approved

Features
Powerful Imaging
• FSI™ (Full Spectrum Imaging)
• SRF™ (Speckle Reduction Filter)
• Harmonic Imaging
• Pulse Inversion Harmonic Imaging
• QuickScan™

Compact Design
• Slim and lightweight
• Wide view 15 inch LCD monitor
• Control Panel up/down mechanism
• Front and rear handles
• 4 swivel wheels
• 3 probe ports
• Backlit keyboard

Convenient Functions
• Shortcut and functional key groupings
• Standby mode for rapid boot-up
• Thumbnail menu
• DICOM 3.0 compatible image filing
• Cine save & play
• Customizable measurement package
• Storage manager

Samsung Medison SonoAce R3 Ultrasound System

Now we have shrunk that imaging power down into a compact size package that delivers virtually all the diagnostic capabilities of a conventional cart-based system anywhere

• Print from a full range of modalities including CR, DR and digital mammography—at up to 200 films per hour
• Utilize on-demand printing with three film drawers / five film sizes
• Add an optional five-bin sorter for easier retrieval of films by modality

Features
Powerful Imaging
• FSI™ (Full Spectrum Imaging)
• SRF™ (Speckle Reduction Filter)
• Harmonic Imaging
• Pulse Inversion Harmonic Imaging
• QuickScan™

Compact Design
1. Full-Featured Workflow
• Shortcut and functional key groupings
• Standby mode for rapid boot-up
• Thumbnail menu
• DICOM 3.0 compatible image filing
• Cine save & play

2. Optimized System Architecture
• Compact design for high maneuverability
• Wide view 15 inch LCD monitor
• 2 probe ports
• Carrying handle
• 3 USB ports
• 4 wheels swivel cart (or trolley)

3. User friendly design
• Customizable measurement package and body markers
• Storage manager
• Backlit control keys and qwerty KBD
Samsung Medison MySono U6 Ultrasound System

MySono U6 provides the ultimate in content optimization for a portable system. Vastly improved resolution allows you to provide the most accurate clinical outcomes.

Features
Compact and lightweight
• MySono U6’s slim design and 5.6 kg weight make it compact and easy to carry.
Ergonomic design
• Major key functions are grouped under the palm of your hand for maximum efficiency and applied ergonomics. MySono U6 cart is equipped with front and back handles for mobility.
High resolution 15” LED monitor
• MySono U6’s 15” high resolution LED monitor delivers superb image quality.
Backlit keyboard and control panel
• MySono U6 features a full color backlit LED keyboard and control panel that enables you to work in dark surroundings.
EIZO Diagnostic Monitor RadiForce GX1030

With its widescreen format, the GX1030 is an optimal replacement for traditional dual head 5MP display installations. The consistent color point and bezel-less configuration of a single monitor serve to reduce eye fatigue for the radiologist while lowering the administrative and QA costs for the operator. With the unobstructed viewing space, applications can offer greater hanging protocol flexibility for richer comparisons between past and present images.

Features
- Finest details with Mono-Pixel design offering a pixel pitch size of just 0.158 mm.
- Compliant with the DICOM Part 14 standard offering image accuracy and consistency for use in medical fields.
- The consistent color point and bezel-less configuration of a single monitor serve to reduce eye fatigue for the radiologist while lowering the administrative and QA costs for the operator.
- The Integrated Front Sensor provides independent verification measurement of the brightness and grayscale tone at the front surface of panel.
- The internal Test Pattern Generator can be used to visually inspect image quality.
- Digital Uniformity Equalizer (DUE) function for optimum brightness uniformity.

EIZO Diagnostic Monitor RadiForce GX340

The RadiForce GX340 is a 3 megapixel high-resolution diagnostic monochrome monitor ideal for displaying an entire chest CR image. High-definition and multifunctional model featuring precise calibration compliant with the DICOM Part 14 standard.

Features
- LED backlight offers long service life and reduction in power consumption.
- Calibration simplified with Integrated Front Sensor (IFS) that is housed within the front bezel and measures brightness and grayscale tones according to a user-determined schedule.
- Integrated presence sensor unites convenience with energy savings by ensuring that the monitor automatically conserves power when it is not in use.
- Hybrid Gamma function automatically distinguishes the medical images from the non-medical areas such as the tool palettes and displays each area at its optimum brightness.
- 10-bit (1,024 tones) simultaneous grayscale display extends grayscale fidelity to the boundaries of human visual perception abilities.
EIZO Diagnostic Monitor RadiForce RX340

The RadiForce RX340 is a 3 megapixel high-brightness color monitor ideal for accurate display of chest X-ray, CR and DR grayscale images and color images such as 3D color rendering and image fusion. High-definition and multifunctional model featuring precise calibration compliant with the DICOM Part 14 standard.

Features

• LED backlight offers long service life and reduction in power consumption*.

• Hybrid Gamma function automatically distinguishes between monochrome and color images on the same screen and displays them at their ideal brightnesses and color tones.

• Calibration simplified with Integrated Front Sensor (IFS) that is housed within the front bezel and measures brightness and grayscale tones according to a user-determined schedule.

• Integrated presence sensor unites convenience with energy savings by ensuring that the monitor automatically conserves power when it is not in use.
**Advanced visualization**

Universal Viewer includes native advanced visualization capabilities plus 3-D post-processing tools powered by Advantage Workstation. It provides a single source for MIP/MPR, PET-CT, vessel analysis and auto-bone removal, fusion and registration across modalities, and oncology work flow. With this innovative source of image review within GE’s Centricity PACS environment, Universal Viewer delivers the next generation of seamless work flow first introduced with Dexus, including:

- 3-D volume processing
- Vascular processing
- Extensive breast imaging tools

**Intelligent productivity tools**

Although some radiologists will prefer their current hanging protocols, Universal Viewer places the visionary radiologist at the forefront of technology with Smart Reading Protocols. As they adopt this new approach, the system learns from a broad range of situations over time, allowing users to achieve greater efficiency.

**Anywhere, anytime, enterprise-wide access**

Universal Viewer’s Web client provides radiologists, referring physicians, and other clinicians access to the system from any location. The study list serves as the hub of the work flow and is accessible by using just the browser, providing fast access to vital study and patient information stored in a PACS, RIS, EMR, and HIS. Referring physicians can have access to the same 3-D post-processing capabilities as the radiologist and can consult large datasets from their practice desk. Organizations can use security and preference settings to configure what clinicians can access.

The viewer has the same look and feel in either Web client or zero footprint configurations. With zero footprint, the Universal Viewer enables enterprise-wide image access without installing any software. It can be used on both Mac and PC, and accessed directly from each patient’s record using single sign-on.

**Is it time for a change?**

Globally, over 3,000 organizations trust Centricity imaging solutions because GE Healthcare delivers quality service, high performance, and technology innovation that allow providers to lower cost of ownership today and prepare for the challenges of the future. Whether or not you are a current GE PACS user, adopting our Universal Viewer solution couldn’t be easier. And, because we have been continuously improving our PACS technology over the past 10 years, you can be confident that it will be easy to use, reliable and efficient.

To find out more about Centricity PACS and PACS-IW with Universal Viewer and how we can help you, please visit the GE Healthcare Website or contact us at LAC Medical Supplies Sdn. Bhd.

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**Centricity+ PACS and PACS-IW with Universal Viewer**

Centricity PACS and Centricity PACS-IW with Universal Viewer introduces an intuitive imaging application that connects advanced visualization, provides extensive breast imaging tools, image-enables EMR systems, and unlocks patient history from silos to better inform and streamline diagnosis. All delivered in an easy-to-use, unified reading desktop. Designed to work with GE Healthcare's Centricity PACS and PACS-IW, and Centricity Clinical Archive, Universal Viewer is where imaging all comes together.

**Advanced tools from a single workstation**

To balance shrinking budgets with increased demand for services, particularly the growth of cancer, cardiovascular disease, and trauma cases, each radiologist has to read exams efficiently, handle interruptions smoothly, and work with more data to inform diagnosis. This means boosting report turnaround, achieving higher patient throughput, and delivering quality results.

Working with many different systems requires the radiologist to swivel between complicated workstations and perform manual searches in electronic medical records, or even paper files, wasting critical time. Centricity PACS and PACS-IW with Universal Viewer helps solve these challenges by providing access to advanced processing tools from a single workstation, helping to reduce the need to use multiple systems.

Registration provides easy comparison of CT, MR, PET, SPECT, and interventional 3-D images. It streamlines registration and fusion between volumetric acquisitions from either the same or different modalities, using dedicated protocols or by doing a simple “drag-and-drop” within the core 3-D Viewer platform. Preprocessing provides you with rapid access to your exams ready to read. Complex processing tasks are performed in advance, so you don’t lose time waiting for your images to be processed in front of the PACS console.

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**Intelligent productivity tools**

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**JP-33 Automatic X-Ray Film Processor**

Compact sizes. Easy to use, maintain and service Retractable feed-tray for small space

**Features**
- New retractable feed tray provides space saving for small dark rooms
- Exceptionally quiet operation
- Microprocessor controlled
- High-quality developing
- Easy installation, use and maintenance
- Automatic replenishment
- The control panel digitally displays
  - Replenishment rate
  - Developer & dryer temperature
  - Heater & blower timer
  - Clock-Processing film counter
- Water level sensor prevents overflowing of tank
- Stand-by mode for energy saving
- One year warranty on all parts

**JP-903 Automatic X-Ray Film Processor**

- Processor type Continuous roller transport system
- Processing time Speed control type (90 sec - 210 sec) Processing tank capacity
- Developer 16L, Fixer 11L, Wash water 13L Replenishment tank capacity Developer 100L (26.5 gallons), Fixer 100L (26.5 gallons)
- Developer chemical temperature Automatically controlled by heater, thermostat and cooling system Replenishing system Whenever a film is transited, its length is calculated and the volume of replenishment is precisely supplied
- Film size Sheet film - 17”(43cm) wide maximum Roll film - 2.75” (7cm), 4.14” (10.5cm)
- Processing capacity 90 sec. 14”x17” (35x43cm) - 240 sheets/hr 10”x12” (24x30cm) - 280 sheets/hr