

# TRIVITRON

## GROUP OF COMPANIES

### CORPORATE OFFICE

#15, IV Street, Abhiramapuram, Chennai - 600 018.  
Ph : +91 44 2498 5050 (6 lines),  
Fax : +91 44 2498 5757  
groupmarketing@trivitron.com, www.trivitron.com

### REGIONAL OFFICES

#### New Delhi

B-1/A-12, Second Floor,  
Mohan Cooperative Industrial Estate,  
Main Mathura Road, New Delhi -110 044.  
Ph : +91 11 4135 4650 / 51/ 52, Fax : +91 11 4167 6476  
delhibranch@trivitron.com

#### Kolkata

Premises No. 1543, Rajdanga Main Road,  
(MIG-II G. J. 10), East Calcutta Area,  
Development Project, Phase I,  
Dist. South 24 Pdns. Kolkata - 700 107.  
Ph : +91 9883795492/ 91, Fax : +91 -033 - 2442 0326  
kolkatabranch@trivitron.com

#### Mumbai

D-134, T.T.C. Industrial Area, Shirvane, P.O.  
Nerul Navi, Mumbai - 400706.  
Ph : +91 -22 -27689144  
mumbaibranch@trivitron.com

#### Kiran Medical Systems Limited

Kiran Chambers, 303-A Linking Road, Khar,  
Mumbai 400 052, India  
Ph : +91-22 - 2600 7090, Fax : +91-22 - 2600 7093  
www.kiranxray.com

#### Pondicherry

No. 10&11, 6th Main Road, Bharatidasan Nagar,  
Mudaliarpet, Pondicherry - 605 004.  
Ph : +91 - 413 -309 0405  
groupmarketing@trivitron.com

#### Pune

Plot No. A102, HBlock, MIDC, PIMPRI, Pune - 411 018.  
Ph : +91 -20 -2747 2323 / 3266 0761,  
Fax : +91 -20 -2746 1458  
mumbaibranch@trivitron.com

#### Cochin

3rd Floor, North Square, Paramara Road,  
Near Town Hall, Cochin -682 018.  
Ph : +91 - 484 - 239 6433, Fax : +91 - 484 - 405 2652  
groupmarketing@trivitron.com

#### Bangalore

No. B-1, 1st Floor, 5, Basappa Road, Shanti Nagar  
Bangalore - 560 027.  
Ph : +91 - 80 - 2211 5491, Fax : +91 - 80 - 4113 7366  
bangalorebranch@trivitron.com

### INTERNATIONAL OFFICE & SUBSIDIARIES

#### Srilanka

No 55, Negombo Road, Paliyagoda, Sri Lanka  
Ph : +94 -11 - 5344444 , Fax : +94 -11 - 5344400 / 2913910  
sujitachakravarti@trivitron.com,  
www.nawakrama.com

#### Dubai

Star Trivitron LLC, Gate No. 10, 3rd Floor,  
Office #3-D, Hamarain Center, PO Box: 505021. Dubai, UAE.  
Ph : +971 4 2399910, Fax: +971 4 2397281

#### Training and Development Center

#506, Building No. AP/26, Dubai Healthcare City,  
Dubai, UAE

#### Abu Dhabi

Hamdan Street, PO Box: 37115, Abu Dhabi, UAE.  
Ph : +971 2 6779894, Fax : +97 2 6779691

#### Finland

Anilabsystems Ltd. Oy, Tiilitie 3,  
FI-01720 VANTAA, Finland  
Tel : +358 20 155 7523  
www.labsystemsdx.com

#### Oman

Star Trivitron FZ LLC, Street No 1847, Villa No 2722,  
Quram, Muscat, Oman.  
star@trivitron.com

#### China

CEO SUITE SHANGHAI 21ST Floor,  
Bank of Shanghai, 168 YinchengZhong Road,  
Pudong Shanghai 200120, China.  
www.labsystemsdx.com

#### Turkey

BOME SANAYI URUNLERI DIS TIC. A.S.  
Sokullu Mehmet Pasa Mah. 1361. Sokak (Eski 6. Sokak)  
No: 6/A 06460, Sokullu, Cankaya, Ankara, Turkey  
Tel: + 90-312-479 33 30, 15. Fax: +90 312 478 37 18  
www.bome.com.tr



**TRIVITRON**  
HEALTHCARE  
*speaking your language*

For more info



[/Trivitronindia](#) [/Trivitronindia](#) [/company/trivitron-healthcare](#) [/TrivitronHealthcare](#)

## SEEING IS BELIEVING...

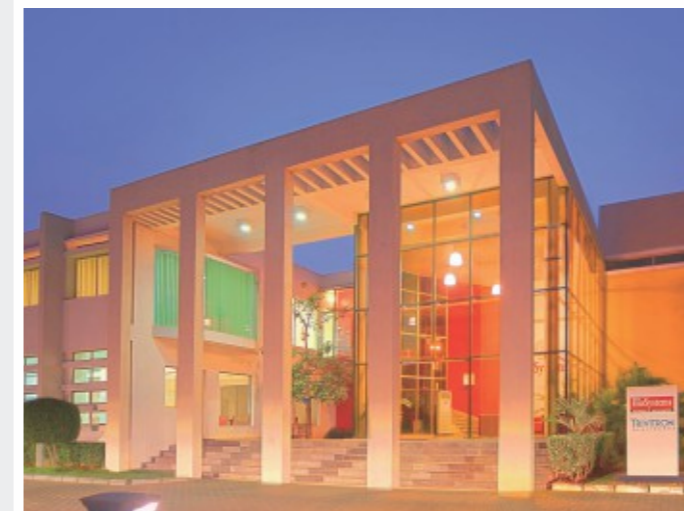
PROVEN ADVANCED IMAGING TECHNOLOGIES AND SOLUTIONS

**TRIVITRON**  
HEALTHCARE  
*speaking your language*

## ABOUT TRIVITRON GROUP

Trivitron Healthcare has grown from a modest equipment distribution firm of the nineties to a globally acclaimed medical technology solutions company of Indian origin. The perpetual progress towards success has been made possible by unwavering focus on quality, strategic global business alliances and excellence in service.

Trivitron Healthcare has spread its wings across the globe to make healthcare affordable and accessible to all. With an enviable presence in 165 countries, Trivitron offers products and solutions for laboratory medicine, medical imaging, operating room, intensive care units and renal dialysis equipment.



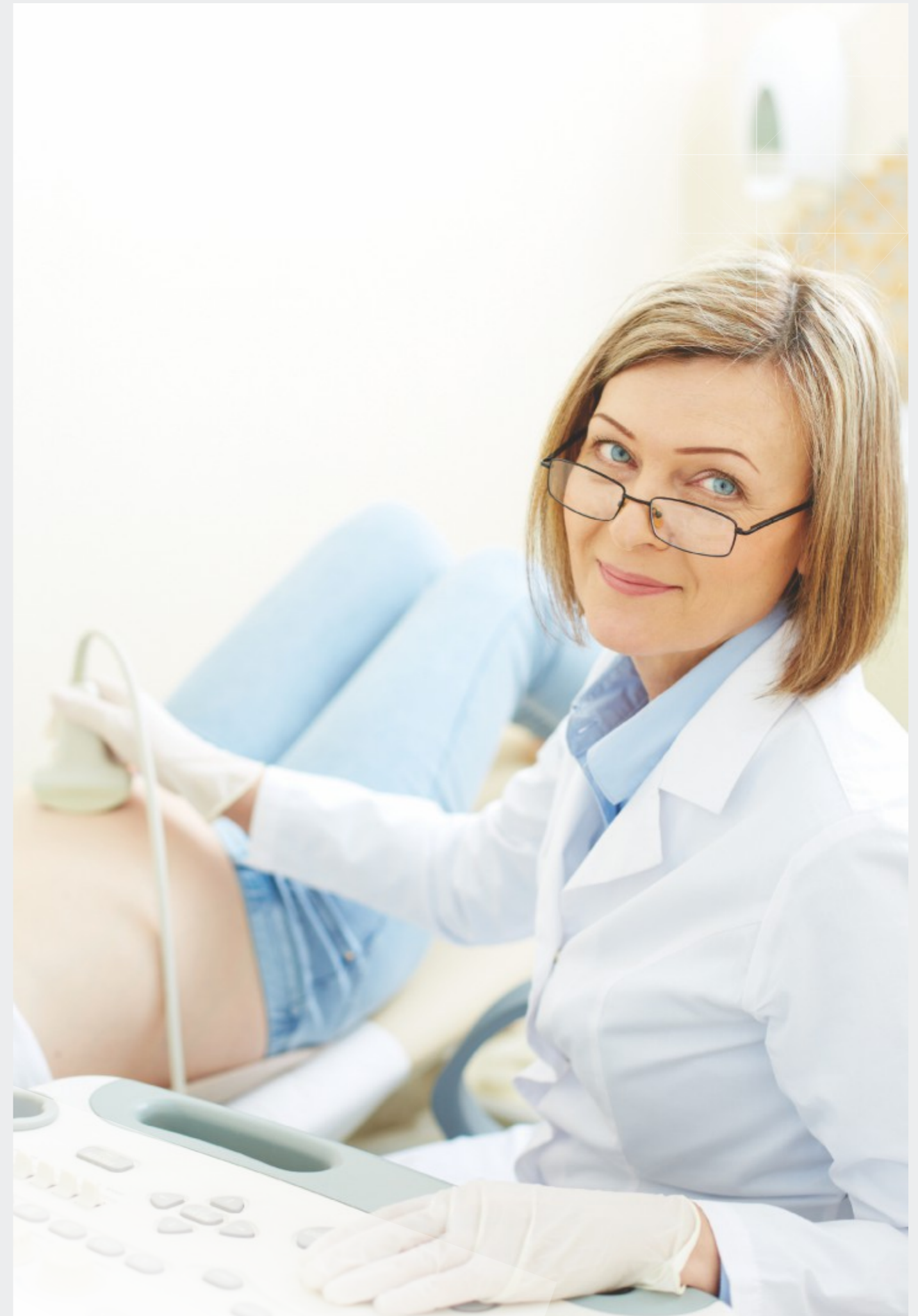
**25 OFFICES / OVER 1,500 EMPLOYEES / 1,200 CHANNEL PARTNERS / 50,000+ INSTALLATIONS /  
12 WAREHOUSES / 9 USFDA and/or CE CERTIFIED MANUFACTURING FACILITIES /  
5 DEDICATED INNOVATION CENTERS / CLIENTS ACROSS 165 COUNTRIES**

## TRIVITRON - LEADER IN IMAGING TECHNIQUES

Trivitron Healthcare is a global medical technology company of Indian origin that focuses on manufacturing, innovations, distribution and, after-sales support and services in healthcare products such as inVitro diagnostics, imaging, intensive care, and modular OT. Trivitron have installed a panoptic range of products from portable B&W to high-end Elastography.

Trivitron constantly evolves with greater emphasis on cost-effective medical technology solutions, and successful global and local JV synergies.

- Trivitron is associated with Hitachi Aloka for over 15 years– Innovators of ultrasound system, across the world.
- Kiran Medical exports X-ray accessories and radiation protection apparels such as Cassettes, Screens, Grids, Shields and Computer Radiography Systems to over 160 countries across the world including USA, Europe, Japan and Latin America.
- Trivitron manufactures and markets a wide range of contrast media products for imaging industry, in association with Imaging Products (India) Pvt. Ltd.



## STATE-OF-THE-ART MANUFACTURING FACILITIES

Trivitron has carved its niche with excellent imaging solutions. Be it, indigenous technology or bringing high-end solutions to India, Trivitron has leapfrogged to the next level of medical technology solutions.

Aloka – Trivitron Medical Technologies is a successful JV between Trivitron and Aloka, Japan – the pioneers in Ultrasound and Color Doppler technologies.

Aloka Trivitron Medical Technology is the first facility within Trivitron Medical Technology Park located at Sriperumbudur, near Chennai.

Kiran Medical, primarily a manufacturing company has world-class engineering capabilities and a state-of-the-art manufacturing facility measuring 70,000 sq. ft. in Mumbai.

## PRODUCT CLASSIFICATION

### ULTRASOUND SCANNERS (Hitachi Aloka Medical LTD) 8 - 14

- PROSOUND 2
- F31
- PROSOUND ALPHA 6
- F37
- PROSOUND ALPHA 7
- PROSOUND F 75
- Noblus
- Hivision - Avius
- Hivision-Preirus
- Hivision-Ascendus
- ARIETTA S60
- ARIETTA S70

### MAMMOGRAPHY (HOLOGIC) 15

- Selenia – Dimensions 2D & 3D DIGITAL MAMMOGRAPHY

### BREAST BIOPSY SYSTEM (HOLOGIC) 16

- Multicare Platinum-PRONE BIOPSPY SYSTEM
- AFFIRM/STEREOLOC II – UPRIGHT STEREOTACTIC SYSTEM

### BONE DENSITOMETER(HOLOGIC) 17

- DISCOVERY SERIES - WHOLE BODY DEXA

### ACCESSORIES 18

- Ultrasound gel

### CONTRAST MEDIA 19

- Bracco

## High Resolution Compact B&W Ultra Sound

### prosound 2

Hitachi Aloka Medical LTD.

- Extended Pure Detection (ExPHD)
- Edge Enhancement Function
- Multi Frequency Imaging (MFI)
- Save the data to the built-in memory various media
- Wide angle Intracavitary probe with 7.7 mmR aperture
- Dual Probe Connector
- 12 bit A/D converter



## Color Doppler System

### F-31

Hitachi Aloka Medical LTD.

- Advanced Imaging function (Adaptive Image Processing, Spatial Compound, Imaging & Broadband Harmonics)
- 180 deg Transvaginal Probe (Wide angle view) helps to see from cervix to fundus in single view
- Wideband probes for superior resolution
- Auto NT measurements (opt)
- Free Angular M-mode (FAM) with 3 simultaneous cursors for cardiac applications.
- Free angular M mode for fetal echo cardiography application
- Automatic Image Optimization in both 'B' Mode & Doppler Mode
- 3E platform
- 12 bit A/D converter
- High frame rate
- Dynamic Slow Motion Display (DSD)
- 180 degree Intracavitary probe with 9mmR aperture



▶ **ULTRASOUND SCANNERS**

## Versatile Whole-body Color Doppler System

### prosound α6

Hitachi Aloka Medical LTD.

- Winner of International Best design award by iF
- New Compound Pulse Wave Generator (CPWG) technology
- Broadband Harmonics enables high-spatial resolution
- Advanced Imaging function
  - Adaptive Image Processing (AIP) and Spatial Compound Imaging (SCI)
- Real-time 4D with multi-slice imaging
- 4D colour & automatic volume measurement
- Extended Flow (eFlow) & eTRACKING
- Free Angular M-mode (FAM) with 3 simultaneous cursors
- Flow Mediated Dilatation (FMD)
- Extended Field of View Imaging (EFOV) & Trapezoidal imaging
- High frame rate & 10.4" Touch Panel
- Dynamic Slow motion Display (DSD) and 12 bit A/D converter
- 180 degree Intracavitary probe with 9mmR aperture
- High end probes like TEE, Laproscopic & Intraoperative



## High-end Whole body Color Doppler System

### F-37

Hitachi Aloka Medical LTD.

- 3E Platform.
- Broadband Harmonics
- Extended Pure Broadband Harmonics
- Adaptive Image Processing (AIP)
- Spatial Compound Imaging (SCI)
- Silky Image Processing (Latest Technology)
- Extended Flow (eFlow)
- Auto Nuchal Translucency
- Real time Free Angular M-mode (FAM) with 3 cursors
- Dynamic slow-motion display.
- Real-time 3D (4D)
- 4D shading & Freehand 3D
- Auto Intima Media Thickness
- Tissue Doppler Imaging
- Image optimizer in both B Mode & Doppler mode
- McAfee embedded control
- Extended field of view
- Unique square IPs monitor.



▶ **ULTRASOUND SCANNERS**

## High-end Whole body Color Doppler System

### prosound α7

Hitachi Aloka Medical LTD.

- Compound Pulse Wave Generator (CPWG)
- Hemispheric Sound Technology (HST) Probes.
- Broadband Harmonic technique
- Extended Flow (eFlow) & eTRACKING
- Real-time 3D/4D offers smoothly moving 3D images extended
- Extended Field of View Imaging (EFV)
- Adaptive Image Processing (AIP)
- Spatial Compound Imaging (SCI)
- Breast elastography
- eTracking
- Flow Mediated Dilatation (FMD)
- 10.5" Touch Panel



## High-end Compact Whole-body Color Doppler System

### Noblus

Hitachi Aloka Medical LTD.

- Ultra BE (Ultrasound Broadband Engine)
- HdTHI / HI REZ / HI Com Imaging Modalities
- Real-time Tissue Elastography (Hi RTE) - Liver & Breast
- Contrast Harmonic Imaging
- 4D (Real-time 3D)
- STIC (Spatio-temporal Image Correlation)
- Extensive cardiology applications
- Intraoperative Applications



## Premium end Whole-body Color Doppler System

### prosound F75

Hitachi Aloka Medical LTD.

- CPWG+ (Compound Pulse Wave Generator Plus) Technology
- Smart Probes and Linear 4D probe
- HST (Hemispheric Sound Technology) Probes
- FAA - Flue Aperture Apodization
- Dual Doppler
- Real Time 3D (4D)
- Automated NT & IMT Measurement
- Real-time Tissue Elastography
- Contrast Harmonics
- eTracking & FMD - Flow Mediated Dilatation (FMD)
- Stress Echo & TDI
- 2D Tissue Tracking
- 3D TEE and Cardiac 4D TEE probe
- High platform Cardiac feature like Vector Flow Mapping
- Include High end probes like TEE, Laproscopic & Intraoperative



▶ **ULTRASOUND SCANNERS**

## High-end Whole-body Color Doppler System

### HI Vision - Avius

Hitachi Aloka Medical LTD.

- Ultra-broadband engine for superb image quality
- Wide range of real-time elastography applications
- Single crystal probe for higher image quality
- Fine flow imaging
- Pure Image
- Real-time 3D/4D applications
- Contrast Harmonic Images
- HI Com Function
- Advanced Cardiac Imaging



▶ **ULTRASOUND SCANNERS**

## High-end Whole-body Color Doppler System Hi Vision - Preirus

Hitachi Aloka Medical LTD.

- Ultra-broadband engine for superb image quality
- Wide range of real-time elastography application
- Single crystal probe for higher image quality
- Fine flow imaging
- Real-time virtual sonography for fusion of CT/MR images
- Super flex design for ease of use
- Dual Doppler measurement
- Pure Image
- Realtime 3D/4D applications
- Contrast Harmonic Images
- HI Com Function
- Advanced Cardiac Imaging



## Premium end Whole-body Color Doppler System HI Vision - Ascendus

Hitachi Aloka Medical LTD.

- Ultra-broadband engine for superb image quality
- 4D elastography and Real-time elastography
- ITM (inflow time mapping) for contrast imaging
- Doppler sensitivity
- Dual Doppler measurement
- Real-time virtual sonography for fusion of CT/MR images
- Pure Image and HI Com Function
- Realtime 3D/4D applications
- Contrast Harmonic Image
- Advanced Cardiac Imaging
- High end probes like Intraoperative & laproscopic probes
- High End 360 degree radial probes for dedicated prostate applications
- Real time 4D linear probe
- Real time Virtual Sonography



▶ **ULTRASOUND SCANNERS**

## High-end Whole body Color Doppler System Arietta S60

Hitachi Aloka Medical LTD.

- Latest and Advanced Technology from Hitachi Aloka
- Symphonic Technology
  - CPWG+
  - Pixel Focus
  - New Backend
  - IPS Monitor 21" – Option
- CW in Convex and Linear
- Dual Gate Doppler
- 2D Tissue Tracking
- Unique Square IPS monitor with 21.3 Inch Option
- Real time 4D linear probe
- High end probes like Intraoperative & laproscopic probes
- High End 360 degree radial probes for dedicated prostate applications
- 4D Shading
- Real Time Tissue Elastography
- Auto Intima Media Thickness
- Auto FHR Measurement Software
- Eyeball EF
- 200 degree Intra-cavity probe.



▶ **ULTRASOUND SCANNERS**

## Premium end Whole body Color Doppler System Arietta S70

Hitachi Aloka Medical LTD.

- Latest and Advanced Technology from Hitachi Aloka
- Symphonic Technology
  - CPWG+
  - Pixel Focus
  - New Backend
  - IPS Monitor- 21"
- CW in Convex and Linear
- Dual Gate Doppler
- Unique Square IPS monitor with 21.3 Inch
- 2D Tissue Tracking
- Real Time 3D
- 4D Shading
- Real Time Virtual Sonography
- shear Wave Elastography
- Real Time Tissue Elastography
- E Tracking
- Auto Intima Media Thickness
- Auto FHR Measurement Software
- Eyeball EF
- Real time 4D linear probe
- 200 degree Intra-cavity probe.
- High end probes like Intraoperative & laproscopic probes
- High End 360 degree radial probes for dedicated prostate applications



▶ **ULTRASOUND SCANNERS**

## 2D & 3D Digital Mammography Systems Selenia Dimensions

Hologic

- Elimination of problems caused by tissue overlap and structure noise in single slice 2D
- Mammography imaging
- Reduced breast compression, making it less painful
- 3D lesion localization
- Contrast-enhanced 3D imaging
- Better cancer detection
- Lesser exposure to radiation
- Fewer recalls
- Fewer biopsies
- Faster reviews



▶ **MAMMOGRAPHY**



## Breast Biopsy System Prone Biopsy System Multicare Platinum

Hologic

- True 360 degree access to the breast
- Exceptional image quality & visualization
- Targeted at pinpoint accuracy
- Efficient space utilization
- Optimal patient comfort



## Upright Stereotactic System Affirm / Steroloc II

Hologic

- A fully integrated solution optimized with Tomosynthesis that minimizes procedure steps and simplifies workflow
- Intuitive user interface acquisition workstation for enhanced ease of use
- Advanced ergonomic and lightweight design for quick and easy transition from diagnostic to interventional procedures under the same imaging modality
- 70 cm SID for easier positioning of patients and installation of biopsy devices
- A unique, 10° angled biopsy approach for an unobstructed view of the lesions while maintaining simple Cartesian targeting methods in all biopsy modes
- Compatibility with a wide array of biopsy devices for greater convenience
- A complete solution for screening, diagnostic and interventional procedure
- Should use Needle Guidance Cartesian Coordinate System with an Accuracy of +/-1 mm
- Biopsy system with Guidance Motorized Movements X- and Y-Axis & Z-Axis: Manual



► BREAST BIOPSY SYSTEM

## Bone Densitometer Whole Body Dexa Discovery Series

Hologic

- Exceptional Precision and Accuracy
- High Definition Digital DXA Detectors - To improve fracture detection and to visualize abdominal aortic calcifications
- Speed and Image quality - Discovery imaging technology captures the hip and spine with as fast as 10-second regional scanning time
- Superb Visualization - The Discovery system's exclusive design utilizes a high resolution detector array paired with true fan-beam linear acquisition geometry
- Consistency from Exam to Exam - The Discovery system performs continuous, automatic calibration, ensuring precise measurement results from exam to exam



► & BONE DENSITOMETER

## Ultrasound gel SONOGEL

Kiran

Sonologists have specific needs, which we at Kiran understand well. Specialists in the world of imaging. Kiran brings sonogel, a carefully developed Ultrasound Gel that sonologists can trust.

Sonogel Ultrasound Gel is manufactured at Kiran's state-of-the-art factory where our chemical technologist develop advanced formulations that meet the following critical parameters :

- Transmission of a broad range of frequencies
- Non-irritating formulation that does not harm sinologists or parents
- No damage to transducers
- Slow drying formulation to avoid reapplication and maintain continuity during diagnosis
- Non-staining, non-toxic
- No formaldehyde

### Packaging

- 250ml collapsible tubes
- Innovatively designed 5 liter cans with dispensers for easy of use



▶ X-RAY ACCESSORIES AND APPARELS

## Contrast Media Bracco

Imaging Products India Pvt Ltd.

### IOPAMIRO - Iopamidol Inj

- First, and most widely used non-ionic contrast medium globally, since its discovery in 1981 and 380 million doses have been administered worldwide.
- Iopamiro has an excellent opacifying role, good neuro- tolerance, and is well tolerated in renal impaired patients
- Iopamidol inj is US FDA approved



### IOMERON - Iomeprol Inj

- Latest range of non ionic contrast media introduced in the country
- Iomeron is the only non-ionic, available in the 400 mg strength and gives excellent results in all angiographic procedures
- Iomeron is well tolerated in renal impaired patients
- Unlike conventional agents, Iomeron, does not contain Ca-di-Sodium-edetate and is still stable for 5 years



### MULTIHANCE - Gd Bopta

- Revolutionary **one stop shop** contrast Injection for MRI Imaging
- Has a dual role compared to conventional MRI Injections
- The double relaxitivity of Multihance, translates into **more information** with equal dose of Multihance, or similar information with **less dose of** Multihance, vis-a-vis competitors.
- The hepatobiliary imaging capability of Multihance, as it is also excreted via the hepatic route, in addition to the regular renal clearance.
- Multihance is well tolerated in renal impaired patients
- Multihance is US FDA approved



### SONOVUE - Sulphur Hexafluoride Microbubble

- The first microbubble contrast in the country for both Radiology and Echocardiology Ultrasound, for the doppler of microvasculature and macrovasculature
- It is eliminated through the lungs, hence has no renal implications
- Sulphur Hexafluoride is US FDA approved



### GASTROVIDEO - Sodium Diatrizoate - Oral Contrast

- A ready-to-drink oral contrast with double orange flavor for GI Imaging



▶ Contrast Media