

Technical Specifications

Clinical Application

- Latest software for Abdomen, Gynecology, Obstetrics, Small Organs, Heart, Lung, Thyroid, Nerve, MSK, TCD, Brain, Vessels, Cardiac, Nerve, Urology, Pediatric, Neonatal, Anesthesia, Echo, Vascular & Superficial applications

System Technical standards

- State-of-Art latest laptop design fully digital Color Doppler with 15.6" high resolution 1980x1020 medical grade flicker free LED monitor with 180 degree open angle & 80 degree wide viewing angle
- 10.1" sanitizable & splash resistant Touch Console with gesture control, QWERTY alphanumeric keyboard, virtual TGC sliders & trackball
- Single probe active connector, can be extended up to 3 ports through Multiple Transducer Connector (MTC) with easy switching
- Built-in rechargeable battery with 2 hours backup
- Enhanced needle visualization & recognition software. Centerline marker facility on probe as well on monitor screen
- Controls for Baseline adjustment, Gain adjustment, Steer, Volume, Angle etc
- User programmable multiple presets: copy, delete, save as & rename, Exam protocols, Thumbnail view
- Support JPEG, BMP, FRM image formats and CIN, AVI, WMV movie format & Windows 10 operating system
- Complete package for general measurement & calculations for B, M & Doppler Modes
- Capability for digital storage & retrieval of images (B/W & Color) and clips with data transfer facility & image archiving
- Extensive image management including thumbnail review, cine loop editing facilities
- 10x zoom magnification in real-time & frozen modes with PAN facility
- Automatic quantification of Doppler parameters in real-time
- Support DICOM 3.0 connectivity & interfacability to PACS
- Extensive calculation packages for General, Vascular, Obs., GYN., Vascular, Pediatric, Cranial, and dedicated cardiac measurements
- Unit and probes are sturdy and drop against accidental falls and drops
- Onboard learning tutorial software for various applications
- PC connectivity

Supported Multi-frequency Latest Broadband Transducers (Provided on demand)

- Convex (2-5MHz), Linear (4-12MHz), Transvaginal (4-9MHz), Micro-convex (5-8MHz), Hockey Stick (5-17MHz), Phased Array Cardiac - Adult (1-5 MHz), Phased Array Cardiac - Pediatric (3-8 MHz), Volume Convex (2-6MHz) probe etc
- Frequency Range: 1 ~ 19 MHz; Probe elements: 128, FOVTV probe: 210 degree. Probes can be disinfected

Imaging Modes & Features

- B mode, M mode, CFM, Color Doppler, Color M, Power Doppler Imaging (PDI) with Angio, Directional PDI, Color PD, Chroma color, PW, CW
- Duplex, Triplex, Quad imaging, HPRF, Anatomical M mode, Auto NT
- Auto One-Key Image Optimisation
- Adaptive Spatial Compound Imaging in real-time
- Adaptive Speckle Reduction Imaging
- Inverse harmonic imaging technique
- Tissue Harmonic Imaging (THI)
- Tissue Doppler Imaging (TDI)
- Tissue Adaptive Imaging
- Panoramic Imaging
- Trapezoidal Imaging
- IMT-Internal Median Thickness
- Digital Multi-Beam forming
- B Steer, M Steer, Auto Doppler Trace
- Phased Inverse Harmonic Imaging
- 3D/4D Imaging

System parameters

- Gray Scales ≥256; Gain: 0-255dB; Digital channels: 11,05,920; Auto & selectable Gain control; Digital calipers
- Cine loop: 1,00,000 frames for B mode, 35,000 frames for color mode, 180s for M mode, 240s for PW/CW mode
- Scanning depth: 1-45cm (depends upon type of probe); Dynamic Range: up to 320dB
- 500G solid state disk; 8 step TGC; 8 step LGC, Boot up time: <30 secs, Frame rate: 1000 fps
- Power Supply: 100-240V AC, 50/60 Hz single phase fitted with Indian plug
- I/O ports: USB 3.0 ports - 2, S-video - 1, HDMI - 1, Ethernet / LAN - 1, DVI - 1
- Operating Temp.: 0-50 degree C, Relative Humidity: 15-90%
- Size: 375 x 380 x 58 mm (LxBxH). Weight: 4.5 kg (with battery)

Features & Accessories (On Demand)

- Biopsy Guide (reusable)
- B/W Thermal Printer
- Color Laser Printer
- External CD / DVD drive
- Trolley / Cart
- UPS
- MTC



Uttrakhand

09639060683

Delhi

08090075719

Lucknow

09792444111

Mumbai

09452010000

Bangalore

08948122222

Guwahati

09415937232

Hi-End Portable Color Doppler Ultrasound



Trolley (Optional)



DIGI 1100 CD

24x7 HELPLINE
09838202281

Overseas

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Business Portfolio

Human Equipments

Veterinary Equipments

BMW Management

Hospital Furniture

OptiMaser®

Swachh Lab™

PSA Oxygen Generator



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S S Medical Systems (I) Pvt. Ltd.

Manufacturing License No. MFG/MD/2024/000438



Mfd. & Mktd. in India by :

S.S. MEDICAL SYSTEMS (I) PVT. LTD.

Manufacturing License No.: MFG/MD/2024/000438 | Class-I Local Supplier

Manufacturing Unit : #F2, Bhimtal Industrial Estate, Bhimtal, Nainital, Uttarakhand-263136 | Tel: +91 5942 248138, Mob: 08939022234

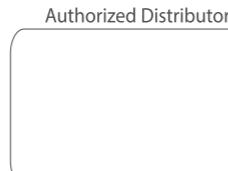
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Due to continuous research & development, images shown in this catalogue is only for depiction, however actual product may slightly differ from the images shown here.

This is our standard product catalogue, however, if required, the detailed technical data sheet can be submitted on demand.



DIGI 1100 CD

Hi-End Portable Color Doppler Ultrasound



Ultimate lightweight experience with magnesium alloy body



Unique dual-batteries design support ultra-long continuous scanning up to than 2 hours



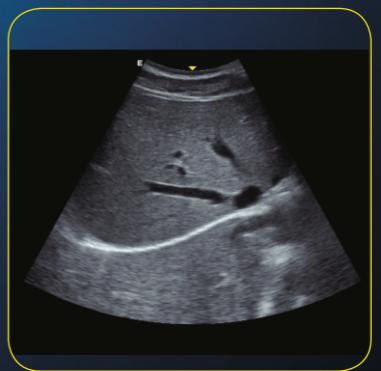
Ergonomics trolley system with semi-automatic lifting (Optional)



Multiple Transducer Connector (MTC) for extending probe ports up to 3 (Optional)



Customizable touch screen to personalize your user interface



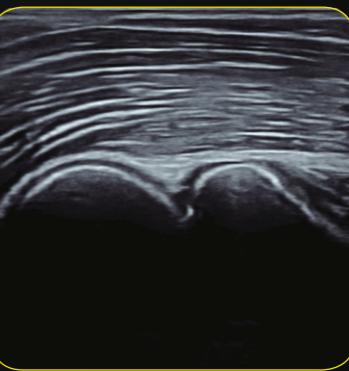
Liver



Renal flow



Sciatic Nerve Pop



Elbow