

The
Ultrasound
Workstation...

Multi speciality applications

Comprehensive software

User configurable reports

PC integration with SonoART*

NVIRM+

B - Colour



Unsurpassed *Resolution* & *Exquisite* Design

Wide band transducers for wide variety of applications

3.5/5.0 MHz MFT
General purpose



3.5 MHz 'A'
Abdominal



3.5 MHz 'C'
Cardiology



5 MHz 'B'
Paediatric, Urology



7.5 MHz 'B'
Small Parts



7.5 MHz
Transvaginal



SYSTEM SPECIFICATIONS

Applications

- Abdomen • Obstetrics • Gynaecology
- Cardiology • Urology • Small Parts.

Display Modes

B, B+B, 4B, B+M, B/M, CINE (Optional)

Digital Scan Converter

512x512x8 with 256 grey scales

Image processing

Separate controls for T.G.C, Gain, Reject, Near/Far, Survey/High Resolution, Enhance, Filter and Post processing.

Depth

6 to 23 cms (probe dependent)

Scanning angles

60°, 80°, 90° /105°

Magnification

X2 (both in real time and frozen mode)

General Measurements

Distance, Velocity, Area and Circumference.

Application specific measurements, calculations and report formats for:

Obstetrics (OB tables, Ratios, AFI, Growth curves, Bio physical score), Gynaecology, Abdomen, Urology, Cardiology and Small parts
User editable report formats

Image Labelling aids

Application specific body marks, annotations and multi-directional arrows

+Non - Volatile Image and Report Memory

Storage and retrieval of up to 100 images and 40 reports

Display option

9" high resolution monochrome monitor
14" colour monitor

ECG

ECG display with dual synchronisation (Optional)

B-Colour

Eight colour maps and intensity variation

Keyboard console

Alphanumeric keyboard in a retractable tray
Swivel : ±30°

Transducer ports – Dual

External Interface

External monitor, Thermal recorder, Inkjet printer, Foot switch, ECG connector, built-in floppy drive.

PC interface

For digital transfer of image (.bmp) and report (.txt) formats with SonoART*

*SonoART

Digital transfer protocol for patient data management which enables connectivity between Sonalisa and PC for digital transfer of image and report (Optional)

Power requirements

230VAC+20%, -30%, 50 Hz±3Hz, 300VA

Operating temperature

10° to 40°C

Humidity

10 to 85 %RH (non-condensing)

Dimensions (in cm)

148(h) x 51(w) x 85(d)

Weight

80 Kgs

Equipment class

Class 1, Type B

Safety: As per IEC 601-1

Design registration pending

• Technological upgradation is a continuous process at L&T. Hence, specifications and availability of any of the products mentioned in this leaflet are subject to change without notice. Some of the accessories featured in this leaflet are optional and are not part of the standard scope of supply.