

Product Name :

Ultrasound Scanner Mobile w/access

Product Code :

SLE/MDE/05



Description :

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Scanner, ultrasound, mobile, with accessories to be used in health infrastructures for diagnostic imaging applications: general abdomen, obstetrics and gynaecology, small parts, neonatal head and hip, cardio-vascular, urology and intra-operative

Technical specifications:

High performance ultrasound scanner

System integrates scanner, 2 probes, matching trolley and video-printer

Imaging display modes: B, dual B, M, B and M

Adjustable field-of-view, 6 level zoom

Imaging technologies: dynamic frequency imaging, multi-stage focusing, aperture control

Depth range selection: convex sector image and linear image, 3 steps

Image orientation: lateral and vertical inversion (in B mode)

Freeze function with storage of approx. 25 images

Piezoelectric probes, electronically scanned: convex and linear

Compact and lightweight, easy to transport and position

Alphanumeric keyboard with trackball and time gain control (TCG)

Measurements and analysis:

Calibre control: trackball

B-mode image: distance, area and circumference by ellipse and trace method, volume, ratio, gestational age, foetal weight, angle

Gestational table: user programmable

M-mode: velocity, time interval, depth, heart rate, LV function

Alpha-numerics & graphics:

Text annotations and body markers

High resolution B/W monitor, approx. 25 cm diagonal (across), equals to 10 inch, fit with reflection filter

Image grey scale: 256 levels

Video output: 625 lines/frame

Two transducer ports leave 2 probes permanently available, electronic switch between probes

Data communication interface: RS232, BNC, IEEE, USB or equivalent

Power supply: 220 V / 50 Hz

Automatic display of: date and time, focal point setting, image orientation indicator, image scrolled position, distance scale mark, M-mode time mark, grey scale for calibration.

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