



XUZHOU LEO MEDICAL EQUIPMENTS CO., LTD

FULL DIGITAL ULTRASOUND LEO-3000E1





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Applicable fields

- Suitable for the diagnosis of Abdomen, Heart, Gynecology, Obstetrics, Thyroid Gland, Small Parts and so on.
- Widely used for clinical examination and diagnosis. They are ideal equipments to meet the needs of various kinds of hospitals and clinics.

Leading Digital Technologies

DBF: Digital Beam Forming

RDF: Real-time Dynamic Filtering

DFS: Dynamic Frequency Scanning

RDA: Real-time Dynamic Aperture

Advantages

- THI Frequency
- Histogram
- Double connectors
- Double USB ports
- LCD display



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Features

- Laptop design
- 15 inches high-resolution LCD
- 8 TGC controls
- High-quality images
- Broadband multi-frequency transducers
- Cineloop
- Two USB ports
- Two connectors
- Pseudo Colors

Image Processing

- 2D images
- The functions of frame correlation, 8 kinds of γ Adjustments, edge enhancement held, as well as the functions of pretreatment, post processing, left-right reversing and up-down reversing
- Image displaying ratio: magnification which can be increased. Local zooming functions held
- Digital Beam Forming
- Histogram
- THI Frequency



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Software Functions

- General measurement: distance, circumference, area, oval, trace, volume, HR, gestational week
- Obstetric measurement soft: GS, CRL, BPD, AC, HC, FL, AFI, EDD, and calculating fetus weight, pregnancy week, expected delivery date, fetal physiological rating according to the previous measurements

Standard Configuration

- Main unit
- 15 inches high-resolution LCD
- 256-frame cineloop
- Two probe connectors
- Two USB ports
- 3.5MHz electronic convex transducer(2.5/5.0MHz)

Optional

- Electronic transvaginal transducer (5.0/7.5MHz)
- Electronic high-frequency linear transducer (6.5/8.5MHz)
- Trolley
- Video Printer



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Specifications

Display	15 inches high-resolution LCD
Scanning Mode	Electronic convex array, Electronic linear array
Display Mode	B, B/B, B/M and M
Magnification	x0.8, x1.0, x1.2, x1.3, x1.5, x1.6, x1.8, x2.0
Gray Scale	256
Y Adjustment	A, B, C, D, E, F, G,H
Resolution	Horizontal ≤ 2 mm, Vertical ≤ 1 mm
Geometrical Precision	$\leq 5\%$
Blind Area	≤ 3 mm
TGC	8-section TGC adjustment
Pseudo Colors	Yes
Display Depth	240mm and depth could be increased
Image Polarity	Left/right, positive/negative and up/down
Cineloop	Successive 256 frames
Output Interface	Three output interfaces: 1 VGA and 2 PAL video signal output
Power Supply Range	AC 110V60Hz, 220V50Hz