

CE  
0434

## LEO-3000D1 PLUS

Portable Ultrasonic  
Diagnostic Equipment

# LEO



LEO - 3000D 1 Plus Ultrasonic Diagnostic Equipment, adopting advanced imaging process technology, is suitable for clinical applications in abdominal, obstetrics, gynecology, cardiology, urology and small parts



### FEATURES:

- 10.4" non-interlaced monitor
- Multi-frequency probes
- Real-time zooming
- 128-frame cineloop
- 8 images permanent image storage
- USB port for image transferring to PC
- Multi-segment TGC adjustment

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تليفاكس: ٢٦٨٢٤٩٣٣ - ٢٤٨٥٠٨٣٨  
محمول: ٠١٠ ٦٦٦٦ ٨٧٤

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## LEO-3000D1 PLUS

### Portable Ultrasonic Diagnostic Equipment



Electronic Convex Transducer (2.5/5.0mhz)    Electronic Linear Transducer (6.5/8.5mhz)    Electronic Transvaginal Transducer (5.0/7.5mhz)

#### TECHNICAL SPECIFICATIONS:

- Imaging modes: B, B/B, B/M, M
- Scanning mode: electronic linear array, electronic convex linear
- Frequency of the probe: 2.5-8.5 Mhz
- Magnification: x1.0, x1.2, x1.5, x2.0
- Electronic focus: acoustic lens focus, single focus and multiple focus
- Max display depth: 220mm
- Depth enhancement/pan function
- Local zoom
- Frame correlation function
- Adjustment total gain and dynamic range
- Gray scale levels: 256
- Display: 10.4" SVGA high resolution non-interlaced monitor
- Gain: 0~99 dB digital adjustable
- Transducer connector: 2 (standard)
- Storage: 8 images permanent image storage
- USB port: for image transferring to PC
- Scanning frequency: 2.2 ~ 8.5 Mhz (depending on transducer)
- Dynamic focusing: dynamic aperture imaging and dynamic tracing

#### IMAGING PROCESSING:

- Part zoom in real time, gray curve control, STC curve, edge enhancement, dynamic range, frame correlation, 256 gray scale image reverse function
- Pre-processing: multi-segments TGC adjustment  
frame correlation  
image direction
- Post-processing left/right up/down positive/negative
- Zoom: magnification (4steps)
- Cine loop: 128 frames

#### SOFTWARE FUNCTIONS:

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

#### CHARACTER DISPLAY:

- Comments: time, date, week, doctor name, patient ID, age, sex, transducer type, transducer frequency, gray scale, focus, average value
- Body marks: 18

#### PERIPHERAL PORTS:

- SVGA
- USB port
- VGA port
- PAL-D video output

#### OTHERS:

- Power supply: 100 ~ 24 Ac, 50Hz±1 Hz
- Power consumption: ≤ 100VA
- Dimensions: 490 x 380 x 420 mm (LxHxM)
- Net weight: approx. 9.5 kg

#### STANDARD CONFIGURATION:

- Main unit
- 10.5" non-interlaced monitor
- 128-frame cine loop
- Two transducer connectors
- 3.5 Mhz electronic convex transducer (2.55/5MHz)

#### OPTIONS:

- Electronic transvaginal transducer (5.0/7.6 Mhz)
- Electronic linear transducer (6.5/8.5 Mhz)
- Video Printer

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