

BI@5000Q

FULL DIGITAL NOTEBOOK COLOR DOPPLER



www.portable-ultrasound-scanner.com

Quality, Professional, Innovational

FULL DIGITAL NOTEBOOK COLOR DOPPLER

Technical Specification

Functions

- Scanning mode: B, B|B, 4B, B|M, M
- Color Doppler (CFM)
- Power Doppler (PDI)
- Directional Power Doppler (DPDI)
- Pulsed Wave Doppler (PWD)
- B+PWD (Duplex)
- B+CFM/PDI/DPDI+PWD (Triplex)
- High Pulse Repetition Frequency (HPRF)
- Tissue Harmonic Imaging (THI)

- Cine Loop: max. 1024 frames
- Scanning Depth: 20-240mm
- Dynamic range>120 dB
- 8 sliders TGC Control
- Overall gain control
- Scan direction, rotation, up-down controls
- Acoustic power & echo enhancement control
- M - mode sweep speed control
- Negative / positive control
- 3D: optional

Imaging Processing

- High Line Density scan mode for better resolution
- Brightness, contrast, gamma control
- Variable frame averaging
- Noise rejection & speckle reduction

Measurement & Calculations

- General Measurements and Calculations: Distance, Length, Area, Circumference, Volume, Angle, Stenosis %, A/B Ratio, Velocity, Pressure Gradient (PG), Acceleration, Heart Rate, Resistivity Index (RI), Velocity Time Integral (VTI), etc.

Software Packages:

- Obstetrics, Gynecology, Abdominal, Urology, Endocrinology, Vascular, Cardiology, etc.

Configurations

- 15" LED high resolution screen
- 2Gb DDR ram, WINXP based
- 250 Gb SSD storage rom
- Probe Connector: 1
- USB port: 2 -DICOM port: 1
- VGA port: 1 -AV-out port: 1
- Equisite handbag
- Built-in battery(for 3 hours' continuous work)
- Dimension: 362mm×340mm×60mm
- Weight: Around 4.8Kg

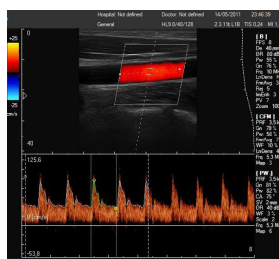
Multi-frequency probes



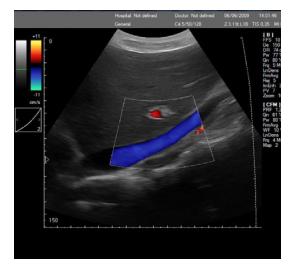
Equisite handbag



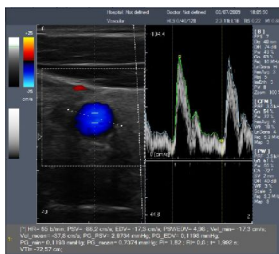
Our images



carotid PW mode



liver CFM mode



artery TRIPLEX mode



cavernous artery PDI mode



2D fetus



3D fetus

Optional probes

- 3.5Mhz convex probe
- 6.0Mhz transvaginal probe
- 6.5Mhz rectal probe (human)
- 7.5Mhz rectal probe(veterinary)
- Trolley
- 7.5Mhz linear probe
- 5.0Mhz micro convex probe
- 5.0Mhz rectal probe(veterinary)
- 3D function

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