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15" size: L362 * W 340 * T 66 mm

Sonostar  New Tech, New Life

C5

Color Doppler Ultrasound System

- CFM, PDI, DPDI, PWD, Duplex, Triplex, HPRF, THI
- High definition image
- Very thin, light and pretty
- 15" LED Screen
- Built-in Battery
- 3D imaging(option)
- Abundant functions, Multilingual
- Hardisk, USB storage
C5 Color Doppler Ultrasound System is a very high cost-effective device, for it with good image, powerful functions and also pretty appearance, but price is inexpensive. It with a large volume harddisk so can store many image and video, and can make a detail report directly not need connect to computer and make on computer, and can work with general ink or laser printer so the printer cost is low. We believe you will like it, and it can bring benefits to your work.

**Standard Configuration:**
- Host 1 unit; Convex probe 1 pcs; Linear or Trans-vaginal probe 1 pcs

**Optional:**
- Linear, Trans-vaginal, Micro-convex, Rectal probe; 3D imaging software; Trolley; Laser Printer; Video Printer

**Specifications:**
1. Imaging Modes:
   - B, BJB, 4B, B/M, M
   - Color Doppler (CMF)
   - Power Doppler (PDI)
   - Directional Power Doppler (DPDI)
   - Pulsed Wave Doppler (PWD)
   - B+PWD (Duplex)
   - B+CMFDI/PDIPA+PWD (Triplex)
   - High Pulse Repetition Frequency (HRPF)
   - Tissue Harmonic Imaging (THI)


3. Color Doppler:
   - PRF variable: 0.5-6 kHz
   - wall filter settings: 3 steps (5%, 10%, 15% PRF) angle steering for linear transducers: ±10° real-time spatial filter: 4 values
   - CMF palette: 10 maps
   - PDI palette: 10 maps
   - B/Color priority control
   - Color threshold control
   - CMF baseline control
   - Doppler frequency selection color frame averaging
   - Transparent Color Mapping (TCM)

4. Pulsed Wave Doppler:
   - PRF variable: 1-10 kHz
   - wall filter settings: 10 steps (2.5%-20% PRF) angle steering for linear transducers: ±10° real-time trace line with automatic calculation of spectrum parameters
   - stereo sound: volume control
   - PWD palette: 10 maps
   - Doppler frequency selection

5. Processing:
   - High Line Density scan mode for better resolution
   - 8 sliders: TGC Control
dynamic range: 120 dB
   - overall gain control
   - M-mode sweep speed control
   - acoustic power control
   - variable frame averaging
   - brightness, contrast
   - advanced gamma control
   - scan direction, rotation, up-down controls
   - negative/positive control
   - echo enhancement control
   - noise rejection control
   - speckle reduction

6. Image and video: AVI, JPG, BMP, PNG, TIF, DICOM

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

8. Measurements and Calculations Software Packages:
   - Obstetrics, Gynecology, Abdominal, Urology, Endocrinology, Vascular, Cardiology, etc.

9. Expansion interfaces:
   - VGA, TV Interface
   - USB 2.0 Interface
   - RJ-45 Network Interface (DICOM)
   - Support DeskJet printer, LaserJet printer, video printer

10. Size: 365mm*540mm*680mm
11. Weight: 48kg
12. Built-in battery work time: 3 hours