C200
Trolley Color Doppler Ultrasound System
- High definition clear image
- 15inch Screen LED Screen
- Built-in Battery
- 3D/4D imaging (option)
- Support phased array probe (option)
- Abundant functions, Multilingual
- Hardisk, USB storage
- Generous and exquisite appearance

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Note: Sonostar trademarks is protected by Madrid Treaty.
Specifications:

1) Imaging Modes:
   - B; B/B-4B; BIM; 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)

2) Scanning Method: electronic linear, electronic convex, electronic microconvex, scanning depth: 2-24cm

3) Color Doppler:
   - PRF variable: 0.5-9 kHz
   - wall filter settings: 3 steps (5%, 10%, 15% PRF)
   - angle steering for linear transducers: ±10°
   - real-time spatial filter: 4 values
   - CFM palette=10 maps
   - PDI palette=10 maps
   - B/Color priority control
   - Color threshold control
   - CFM baseline control
   - Doppler frequency selection
   - color frame averaging
   - Transparent Color Mapping (TCM)

4) Pulsed Wave Doppler:
   - PRF variable: 1-10 kHz
   - wall filter settings: 16 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 function
   - speckle reduction

6) Image and video: AVI, JPG, BMP, PNG, TIF, DCM (DICOM)

7) General Measurements and Calculations: Distance, Length, Area, Circumference, Volume, Angle, Stenosis %, AV 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
- Built-in battery work time: 2 hours
- Probe socket: 2/4
- Screen: 15 inch touch screen
- Size: 582mm*526mm*126mm
- Weight: 80Kg

Standard Configuration:
- Host: 1 unit and Convex probe 1 pcs.
- Optional:
  - Linear, Trans-vaginal, Micro-convex, Rectal, Phased array probe: 3D imaging software; 4D probe and imaging software; Trolley; Laser Printer; Video Printer