C200EC2016/B0

# SonoStar™

*New Tech, New Life*

# 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

*High definition image!*

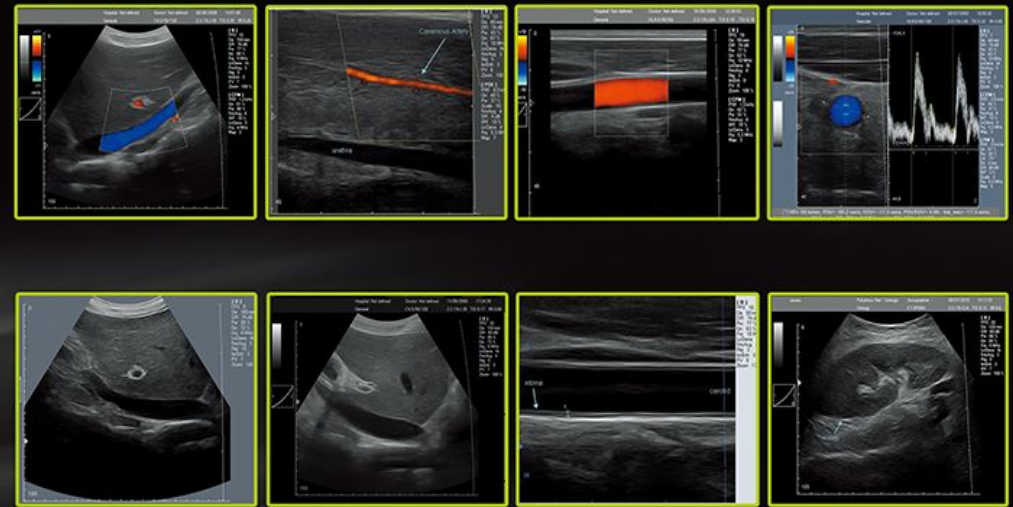CE MD

More information...
please browse www.sonostar.net

SonoStar®

## Specifications:

**1) Imaging Modes:**
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)

**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 %, A/B 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
USB2.0 Interface
RJ-45 Network interface(DICOM)
Support DeskJet printer, LaserJet printer, video printer

**10)** Built-in battery work time: 2 hours

**11)** Probe socket: 2/4

**12)** Screen: 15 inch touch screen

**13)** Size: 582mm*526mm*126mm

**14)** 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