



Portable Ultrasound Scanner

touching for life



S880 Prime

- 6Kg Ultimate compact and light NEW design for instant transfer
- 9.7"high resolution TFT LCD with 8 different Pseudo colors
- Advanced Full-digital imaging technology provides first-class image quality
- More than 400-frame cine loop & 64 image storage
- Ergonomic backlit keyboard
- Two probe interfaces as standard
- VGA output with USB 2.0 images management option
- Various Multi-frequency Transducers available
- UPTO 4 hours back-up with large lithium battery option

SINOHERO

Scanning mode: Convex/Linear/Transvaginal/Micro-Convex
Display modes: B, B+B, B+M, B+2M, M, 4B
Display depth: ≥250mm
Gray scales: 256
Cine-loop: ≥500
Image permanent storage: 64 frames
Scanning angle: Visible and Adjustable
Image magnification: x1.0, x1.2, x1.5, x2.0 etc
Image conversion: up/down, left/right, black/white
Zoom: ≥2 times both in real-time and frozen.
TGC: Total gain, 8-Segment
Focus control: Adjustable focus number, focal space, focal position
Real time Depth: 16-level adjustable
Body marks: ≥40
Measurement:
 Normal: distance, circumference, area and volume
 Cardiac: LV/VF, AV, MV, PV, TV, HR
 OB: BPD, FL, AC, HC, CRL, AD, GS, G.A
Image process: Pseudo-color, Dynamic range, THI, Image smoothing/sharpening Gama correction, Histogram
Report: ≥4
Annotation: Date, Time, Name, Patient ID, Sex, Age, Doctor, Hospital etc.
Output Port: PAL-D Video, RS-232, USB2.0

Display: 9.7 inch LCD
Power Supply: 100V-130V/220V-240V, 50/60Hz
Packing size: 44x37x47cm
Net weight: 6.4 kg (Without Battery)
Gross weight: 10kg
Battery: Lithium Battery 9300mAh, upto 4 hours back-up

Standard configuration:
 3.5MHz Multi-freq Convex Probe
 Double probe port
 Back-lit Keyboard

Option:
 3.5MHz Convex Probe
 7.5MHz Linear Probe;
 5.0MHz Micro-convex Probe
 6.5MHz Transvaginal Probe
 7.5MHz Endorectal Probe
 Application software (including USB port and high speed USB cable)
 Video Printer
 Trolley cart
 Biopsy Bracket
 Lithium Battery



Probe Feature		C3-1/60R/3.5 MHz C5-1/60R/3.5 MHz convex array	L3-1/7.5MHz HF linear	C1-6/20R/5.0MHz micro convex	EC1-1/13R/6.5MHz endo-vaginal
Display depth (mm)		250 (max)			
Maximal detect depth (mm)		≥160	≥50	≥80	≥40
Resolution(mm)	Lateral	≤3 (depth≤80) ≤4 (80<depth≤130)	≤2 (depth≤40)	≤2 (depth≤40)	≤2 (depth≤30)
	Axial	≤2 (depth≤80) ≤3 (80<depth≤130)	≤1 (depth≤50)	≤1 (depth≤40)	≤1 (depth≤40)
Blind zone(mm)		≤5	≤3	≤5	≤4
Geometric position precision	Horizontal	≤15	≤10	≤20	≤10
	Vertical	≤10	≤5	≤10	≤5

Specification subject to be changed without prior notice.