

Handheld Full Digital Ultrasound SUN-808F





Advantages:

- Light weight of 1 kg, very convenience for doctors to carry out.
- U Disk for upgrade.
- Dismountable battery.
- Connect with Jet printer, Laser printer to print directly.
- Other performance is as the same as the laptop computer, such as power save mode, touch mouse and so on.

Features:

- Battery
- 192-frame cineloop and 1024 images
- Two USB ports
- SD card
- General software, Obstetrics software and Cardiac software.

Software:



- General measurement: distance, circumference, volume, angle, heart rate and etc.
- Obstetrics measurement software: BPD, GS, CRL, AD, AC, FL, HC, FTA, APTD, TTD and calculating fetus' weight, pregnancy week, fetal physiological rating according to the previous measurements.
- Cardiac measurement software. The measurement result could be shown automatically.

Specifications

Scanning mode	electronic linear array, electronic convex array
Imaging model	B, B/B, B/M, M, 4B
Gray scale	256 levels, four selectable gamma curve
Transducer frequency	2.5-8.5 MHz
Magnification	×0.8, ×0.9, ×1.0,×1.1,×1.2,×1.3, ×1.4,×1.5
Permanent storage	1024
Cine loop	192, manual and automatic
Sound Power	8 grades from 0-7
Dynamic Range	Adjustable from 30-75
USB Ports	2
IP set	8



Body Mark	35 kinds
Pseudo color	5 kinds
Image Processing	Up/Down, Left/Right, Black/White, Frame correlation Edge enhancement, Scroll
Measurement	Circumference, Area, Volume, Heart ratio, Velocity, OB and Cardiac
Focus	Number and location of the focus can be adjusted
Puncture	Puncture guide line

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TGC	Adjustable, Near field, Middle field and Far field are adjustable from 39-99
Body Marks	35
IP set	Hospital's name, Date, Time, Formula of Fetus' weight and Pseudo color
Image store format	BMP, DICOM
Formula of Fetus' weight	OSAKA, TOKYO1, TOKYO2, MERZ
Image	Frame correlation, Edge enhancement, Dynamic range, center line, scan angle Puncture
Voltage	AC85V-265V



1.3 Technical specification

Probe		L1-5/7.5MHz HF linear probe	C1-11/50R/3.5MHz convex probe	C1-12/20R/5.0MHz micro-convex probe	EC1-7/13R/6.5MHz endo-vaginal probe
Detect Depth(mm)		≥80	≥140	≥90	≥60
Resolution (mm)	Lateral	≤1 (Depth≤60)	≤3 (Depth≤80) ≤5 (80<Depth≤130)	≤3 (Depth≤60)	≤1 (Depth≤40)
	Axial	≤1 (Depth≤80)	≤1 (Depth≤80)	≤1 (Depth≤60)	≤1 (Depth≤40)
Blind zone(mm)		≤3	≤6	≤5	≤5
Geometric position precision	Horizontal	≤5	≤7.5	≤7.5	≤5
	Vertical	≤5	≤5	≤5	≤5
Monitor size		6 inches			
Display mode		B, B+B, B+M, M, 4B			
Image gray scale		256			
Image storage		64			
Cine loop		≥400 frame			
Scan depth		80 mm~220 mm			
Image flip		Up/down, left/right			
Focus position		Adjustable			
posture mark		40			
Image Process		Histogram, Color encode, GAMA, Image Smoothen			
Probe Frequency		Adjustable(3 point each probe)			
Frame correlation		Adjustable			
Measurement		Distance, circumference, area, volume, heart rate. GA,FW,EDD			
Notation		Date, time, name, sex, age, hospital name、 Full screen words edit			
output report		Measurement, Obstetric			
Output		USB2.0, VIDEO(PALD, NTSC)			
Battery Continuous work		≥3Hours			
Size		L(230mm)*W(120mm)*H(38mm)			
Net weight		700g			