

SUN-806G FULL DIGITAL NOTEBOOK ULTRASOUND

WITH 12.1 INCHES DISPLAY AND TWO PROBE SOCKETS



Two probe connectors Laptop ultrasound machine SUN-806G

Sales points:

1. The whole China cheapest full digital laptop ultrasound machine
2. 30 months free warranty and lifelong maintenance
3. One to one teaching technical guidance until you could operate on your own.
4. 7 Days unconditional return policy if you are unsatisfied with it.

1. Overview

This Ultrasonic diagnostic instrument (here in after referred as instrument) using 3.5 MHz electronic convex array probe, adopts full digital beam former(DBF); real-time dynamic aperture imaging (RDA); full digital dynamic receive focusing (DRF); frequency conversion; 8 segments TGC; dynamic digital filtering; dynamic digital filtering; image

enhancement; line correlation, frame correlation, point correlation, linear interpolation and many other image processing technology, etc.;

Display modes as B, B/B, 4B, B+M and M, image multiplying factors of $\times 0.8$, $\times 1.0$, $\times 1.2$, $\times 1.5$, $\times 1.8$, $\times 2.0$ under the B mode;

With 128 a large memory and offers permanent storage, cine loop in real time; 256 images available after diagnosis of real-time playback or by image viewer,
Has measurements of distance, area, circumference, heart rate, gestational weeks(BPD、GS、CRL、FL、HC、OFD、TTD、AC 8 measurement kinds) and so on;

Chinese and English transformation;16 kinds of pseudo color processing;

Real-time clock; serial number of medical record; many note functions as full-screen character noting;

Adopts large scale integrated circuit FPGA, MSF, mass memory, surface mounting technology and so on.

2. Function:

Probe configuration: T35R60GB convex array probe (standard);

Display modes:

T35R60GB convex array probe: B, B/B, 4B, B+M, M;

T50R20GB type micro convex probe: B, B/B, B+M, M;

T65R13GB type cavity probe: only B;

T75L40GB type linear array probe: only B;

Image multiplying factor:

35R60GB convex array probe, Type B, real-time state: $\times 0.8$, $\times 1.0$, $\times 1.2$, $\times 1.5$, $\times 1.8$, $\times 2.0$;

$\times 0.8$, $\times 2.0$ (display penetration depth);

T65R13GB type cavity probe: $\times 0.8$, $\times 1.0$, $\times 1.2$, $\times 1.5$.

M type:

M type scanning has eight kinds of speed can be selected;

M mode or B+M mode : When the heart rate of more than 100, measurement error will increase

Zoom: Local $\times 2.0$ magnification rate

Dynamic range: 0~120dB adjustable.

Frequency:

T35R60GBconvex array probe real-time

scan:2.5MHz/3.0MHz/3.5MHz/4.0MHz/5.0MHz five periods of frequency conversion;

T65R13GB type cavity probe/ T75L40GB type linear array probe real-time scan:

5.5 MHz/6.0 MHz/6.5 MHz/7.0 MHz/7.5MHz five periods of frequency conversion.

Focus position:

Send: 1, 2, 3 and 4-segments dynamic electron focusing; when 1、2-segments focus, the focus can be moved.

Receive: receive real-time dynamic focus by focus

Measuring function: Distance, circumference/area (method of ellipse, method of loci), volume, heart rate, gestational weeks (BPD, GS, CRL, FL, HC、TTD、OFD、AC), expected date of confinement and fetus weight, etc.

Annotation function: hospital name, patient's name, age and gender; 64 body marks (with probe's position); Full-screen character annotation; Real-time clock display;

Puncture guide: 3.5MHz convex array probe can display puncture guide line in B mode.

Gain control: 8 segments TGC and overall gain can be adjusted respectively.

Image polarity: left and right flip, black and white flip, up and down flip.

Permanent storage: ≥ 128 images.

Image playback: series playback or check one by one.

Image processing: γ correction, frame correlation, point correlation, line correlation, digital filtering, digital edge enhancement and pseudo color processing, etc.

Output interface: SVGA video output offers connection to SVGA color display; workstation, etc.

PAL video output offers connection to PAL display, video image recorder and image

USB interface: Only for U disk storage image, image format is BMP.

3.Configuration

Standard configuration: 1 host; 1 T35R60GB convex array probe; 1 power adapter; 1 power line.

Optional configuration: T65R13GB type cavity probe; T75L40GB type linear array probe; Image workstation, computer pack, etc.

4. Others

Monitor: 12 inch LED display.

Grey scale: 256 levels.

Running hours: ≥ 8 h.

The battery pack continuous working time: ≥ 2 h.

Input power: ≤ 110 VA.

Host weight: about 2.5 kg.

Host appearance size: 309 × 312 × 68 (length × width × height) (mm³)





