



YJ-300 LED Portable Ultrasound Scanner

I. Specification:

Display Modes

3.5MHz/R60 convex array probe: B, B/B, 4B, B+M, M

5 MHz/R20 Dimpling array probe: B

6.5MHz/R13 Dimpling array probe: B

7.5 MHz/L40 Line array probe: B

Image Multiplier Factor

3.5MHz/R60 convex array probe: x0.8, x1.0, x1.2, x1.5, x1.8, x2.0

(6 modes) x0.8, x2.0 (display penetration depth)

6.5MHz/R13 Dimpling array probe: x0.8, x1.0, x1.2, x1.5 (4 modes)

7.5MHz/L40 Line array probe: x0.8, x1.0, x1.2, x1.5 (4 modes)

E-zoom

magnify 2 times of real time image

Dynamic Range

0~120dB adjustable

Focus Position

1, 2, 3 and 4-segments dynamic electronic focusing

Image Processing:

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

According to the user's pattern style preference, the parameter will be set up automatically and saved. Boot default this parameter. This default of parameter can also be modified in the menu.

Frequency Conversion:

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

frequency range applies 5.5 MHz/6.0 MHz/6.5 MHz/7.0 MHz/7.5MHz can match high frequency probe

Measuring Function

Distance, circumference/area (method of ellipse, method of loci), volume, heart rate, gestational weeks (BPD, GS, CRL, FL, HL, OFD, TTD, 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

Capacity Cine Loop

real time display 256 consecutive images which are memorized successively

Image Playback

series playback or check one by one

Permanent Storage:

128 images

Output Interface

VGA video output offers connection to SVGA color display

PAL video output offers connection to PAL display and printer

video image recorder and image workstation, etc

USB Port

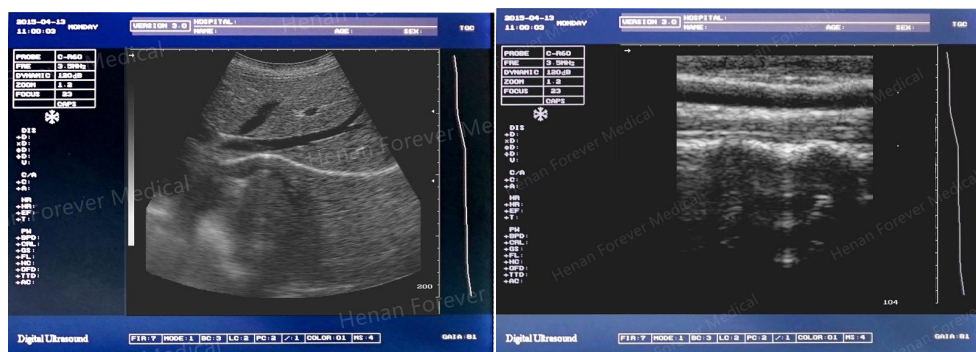
Offers storing images in USB flash disk

II Application:



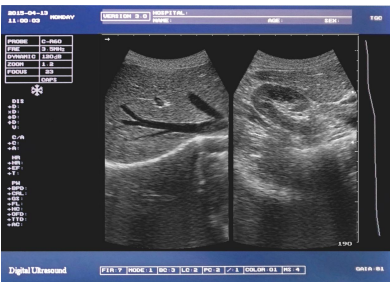
III Features:

1. Mass memory , cine loop and permanent storage.
2. Radium Caved buttons and Silicon backlit buttons to be chosen;
3. Intelligent fluorescence trackball.
4. 8-segment TGC control. Overall Gain control
5. 1 USB ports only save image;
6. 2probe connectors. Probe automatic identification;
7. 1 SVGA video outputs and 1 PAL video outputs offer connection to video image recorder and image workstation. etc.
8. Report page is generated automatically.
9. According to the user's pattern style preference, the parameter will be set up automatically and saved ,Boot default this parameter. This default of parameter can also be modified in the menu.





YJ-X300 Full Digital LED Portable Ultrasound

 	Main Feature	12.1" LED
		Backlight Key
	Main Parameter	Display modes: B, B/B, 4B, B+M, M.
		Gray scale: 256 levels.
		Dynamic range: 0~120dB adjustable.
		External LED display have 16 kinds of pseudo color.
		Permanent storage: 128 images .
		Capacity cine loop: real time display 256 consecutive images which are memorized successively.
		Gain control: 8 segments TGC and overall gain can be adjusted respectively.
		Frequency conversion: 2.5MHz/3.0MHz/3.5MHz/4.0MHz/5.0MHz five periods of frequency conversion; frequency range applies 5.5 MHz/6.0MHz/6.5MHz/7.0MHz/7.5MHz can match high frequency probe.
		According to the user's pattern style preference, the parameter will be set up automatically and saved ,Boot default this parameter. This default of parameter can aslo be modified in the menue.
		E-zoom: magnify 2 times of real time image.
		Focus position: dynamic electron focusing.
		γ correction, frame correlation, point correlation, line correlation, digital filtering, digital edge enhancement and pseudo color processing, etc.
	Output Interface	1. USB video output 2. SVGA video output 3. PAL video output



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Optional Probe



Convex



Linear



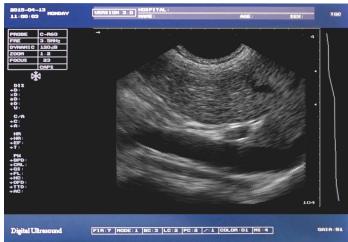
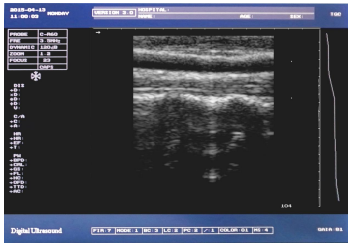
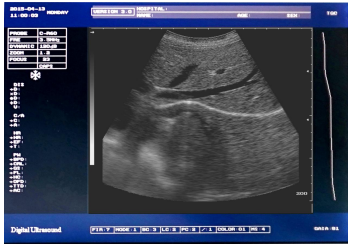
Trans-vaginal



Trans-rectal



Micro-convex





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