



Forever Medical

YJ-S30B Notebook LED Digital Ultrasound Scanner



I.Specification

Display mode: B; B/B; 4B; B +M; M

Display size: 12.1inch LED displayer

Image multiplying factor:

3.5MHz/R60 convex array probe: x0.8;x1.0,x1.2,x1.5,x1.8, x2.0(6 modes)x0.8;x1.0(display penetration depth)

E-zoom: Magnify 2 times of real time image

Dynamic range: 0~120db adjustable

Focus position: Dynamic electron focusing

Image proessing

8γcorrections, Point correlation, Frame correlation, Line correlation, Digital filting,

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Digital edge enhancement and pseudo color processing.

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.

Gray scale: 256 levels

Frequency conversion:

2.5MHz/3.0MHz/3.5MHz/4.0MHz/5.0Mhz

5 periods of frequency conversion

Frequency range applies

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

Measuring function:

Distance, circumference/area(method of ellipse,method of loci) ,volume,heart rate, gestational weeks, expected date of confinement and fetus weight,etc.

Annotation function:

Hospital name; patient's name, age and gender; Body marks(with probe & position); Full-screen character annotation; Real-time clock display

Puncture guide:

3.5MHz convex array probe can display puncture guide in B mode

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

Image polarity: Left and right 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


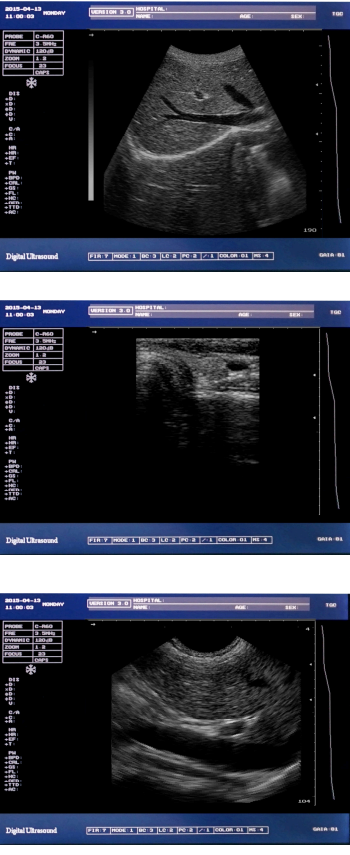
Output interface: USB port

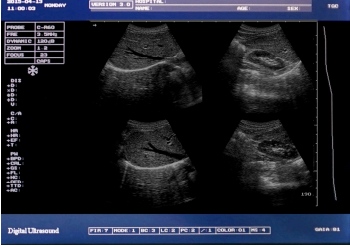



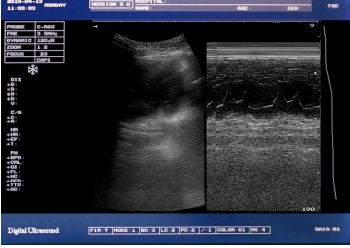


Standard configuration:

Ultrasound machine with 3.5Mhz convex array probe and power adapter

II. Standard Configuration:

1. One host machine
2. One convex array probe: F=3.5MHz
3. One power adapter
4. 11.1 V 5200MAH Li battery
5. USB port
6. Computer keyboard design, easy and fast operation

YJ-S30B Full Digital Laptop Ultrasound		
	Profile	Two probe connectors.
		12.1" LED Player.
		Lithium battery.
		Backlight Key.
		Standard Keyboard.
	Main Parameter	Display modes: B, B/B, 4B, B+M, M.
		Gray scale: 256 levels.
		Dynamic range: 0~120dB adjustable.
		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/6.0 MHz/6.5 MHz/7.0 MHz/7.5MHz can match high frequency probe.
Image multiplying factor: 3.5MHz/R60 convex array probe: ×0.8, ×1.0, ×1.2, ×1.5, ×1.8, ×2.0 (six modes) ×0.8, ×1.0 (display penetration depth).		
E-zoom: magnify 2 times of real time image.		
	Focus position: dynamic electron focusing.	
Output Interface	1 groups of USB video output 1 groups of SVGA video output may mate with SVGA color monitor. 1 groups of PAL video output may mate with PAL monitor, video image recording instrument and image workshop, etc.	
	USB Port: our machine can connect the common printer . Used to print the measurement report page.	

	<p>Optional Probe</p>			
				
		Convex	Linear	Trans-vigianl
		Trans-rectal	Micro-convex	

Other parameters

Designation	Performance
Displayer	12.1 inch LCD color display
Perimeter and area measured deviation (%)	$\leq \pm 20\%$
The battery pack works continuously	≥ 2 hour
Input power	AC220V \pm 22V, 1.5A
Gross weight	About 6.2 kg
Host weight	about 5.5 kg
Host appearance size	310 × 338 × 76 (length × width × height) (mm ³)
The outer packing size	490*460*250mm (length × width × height) (mm ³)

III.Optionals:





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