

Digital Laptop Ultrasound Scanner YJ-U100B



Main Features:

Powerful measurement & calculation software packages
8-Segment TGC ABD Trackball adjustment
12 inch LCD monitor
Permanent function of image store: 32 images
Back-lit keyboard
OB measurements: BPD, GS, CRL, FL, AC, HC, etc
2 probe connectors
Probe automatic identification

Main Technical Specification:

Scanning mode: Convex/Linear/Micro-convex/Trans-rectal;
Display modes: B, B+B, B+M, M, 4B;
Scanning depth: 240mm;
Gray scales: 256;
Function of image magnification: image zoom (real-time status under B mode), up to 5 times (area); local amplification function which can be enlarged under the real-time and froze;

Image conversion: up/down, left/right, black/white;
Function of puncture guide;
Max dynamic range $\geq 100\text{db}$;
Detecting depth $\geq 190\text{mm}$, scanning depth $\geq 240\text{mm}$;
The geometric location accuracy: vertical $\leq 5\%$; lateral $\leq 5\%$; blind spot: $\leq 4\text{mm}$;
Vertical resolution: $\leq 1\text{mm}$ (depth $\leq 130\text{mm}$) $\leq 2\text{mm}$ ($130\text{mm} < \text{depth} < 170\text{mm}$);
Lateral resolution: $\leq 1\text{mm}$ (depth $\leq 130\text{mm}$) $\leq 2\text{mm}$ ($130\text{mm} < \text{depth} < 160\text{mm}$);
Gamma: 4 gray scale γ transform function;
Variety of focus selection and multi-stage dynamic focusing with 4 transmit focus; support to launch multi-focus combination;
Built-in pseudo color processor, Pal-D and VGA video output, can connect external screen monitors, color monitors, VCRs, video image printer and other equipment.
Fixed characters and real-time clock and calendar display;
Software reset function;
Printer function: can connect laser printer and Video printer directly;
Comment: Date, Name, Sex, Age, Hospital, Annotation;
Zooming: *1.0, *1.2, *1.5, *2.0;
Port: USB 2.0, VGA, Video connector;
USB Function of image store: more than Sixteen thousand images;
Power supply: AC 110V-240V, 50HZ/60HZ;
Probe connector: 2;
USB/VGA/ ports;
Video printer connector;

Measurement:

General menu: Distance, Area, Volume, Angle, Ellipse;
Obstetrics menu: GS, CRL, BPD, HC, AC, FL, Fetus Weight;
Heart menu: Distance, Time, Slope, Rhythm;

Standard configuration:

12 inches LCD main unit 1set;
60R/3.5MHZ Convex array probe 1pc;
Power line 1pc;
Ground line 1pc;
Fuse 4 pc;
User's manual in English 1pc;
Warranty card 1pc;

Options:

L40/7.5MHZ Linear array probe;
20R/5.0MHZ Micro-Convex array probe;
6.5MHZ Transvaginal l probe;
Mitsubishi Video Printer;
Inside battery(3hours);



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Portable Ultrasound Scanner

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Probes:

Convex array probe;

High frequency linear probe



Micro-convex array probe

Transvaginal probe



Trans-rectal probe

