



YJ-E60 Color Doppler Ultrasonic Diagnosis System



Main Feature:

15"HD LED displayer.

Elegant and simple appearance.

Powerful and steady performance.

Advanced imaging technique. Support multi-languages.

B, C, PW,BCD support realtime triplex.

Multiple measurement package to meet clinical needs.

2 activated ports sockets. Convex,linear, trans-vaginal, micro-convex, 4D volume probes optional.

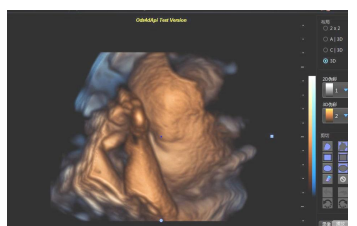
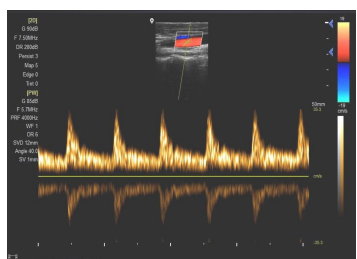
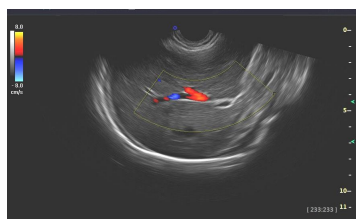
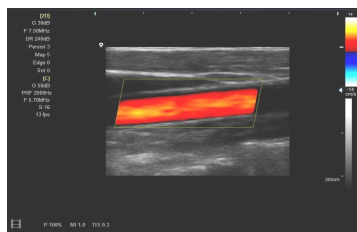
3D/4D Optional.

Preset optimization:Quick Save different Preference according to operators' preference or different body parts

One-click optimization function, realize graphicoptimization fast.

I. Specification:

YJ-E60 Full Digital Color Doppler System



Particularly Recommended



4D probe



Main Parameter

- 15 inch HD LED monitor.
- Scanning mode: Convex, Trans-vaginal, high-frequency linear array, Micro-convex;4D array..
- Mode: B.B/B.B/M.CFM.CFM/B.PDI.PDI/B.PW.
- B/D dual-purpose: linear array: B/PWD; convex array: B/PWD.
- Support the seven languages.
- Gray scale: 256 levels.
- Depth display: ≥250mm.
- Dynamic range: 80~280dB adjustable.
- Having a full digital beam forming technology.
- Acoustic power-Step is adjustable. real-time display;
- Digital beam forming, tissue harmonic imaging etc.
- IMT and PW automatic measurement function.
- Image storage, video storage, cine loop, SSD capacity≥200G;
- Frequency conversion: 2MHz-12MHz(Depending on the probe)
- 16 kinds of pseudo color encoding can optional.
- Self-motion optimize function: Built-in multiple check type, according to different inspection organs, preset best image check condition, reduce the adjusting operation keys.
- Reporting system: automatic report generation system, and can be full screen characters in both Chinese and English editor.

Application Mode

Abdomen, gynecology, obstetrics, superficial organ, urologist, heart and user defined model 1-4, total ten models.

Output Interface

USB\Video\HDMI\VGA\DICOME\LAN\FOOT SW port.
 USB used to connect USB devices; Video output, connecting video printer or monitor; DICOME transfer the images;LAN to connect the network cable; HDMI and VGA signal output; FOOT SW used to instead freeze key.

Optional Probe

Convex Linear Trans-vaginal Micro-convex



Scanning mode: Convex array, Trans vagina, high-frequency linear array, Micro-convex; 3D software; 4D array;

Dynamic range: 0~120dB adjustable;

Display mode: B、B/B、M、B/M、CFM、CFM/B、PDI、B/PW, total eight mode;

Color mode: CFM Color doppler mode/CFM + B mode/PDI energy doppler mode/PDI + B mode, PW pulse doppler double sync/three-sync display

B/D dual-purpose: linear array: B/PWD; convex array: B/PWD; Pseudo color processing: 16 kinds of pseudo color encoding can optional;

Gain adjusts: 8 segments TGC, B/M/D/C is independently adjustable; TGC curve can show and hide automatically;

Image magnification: picture in picture zoom in and zoom part function;

Image processing: Edge enhancement: Multilevel adjustable

Frame average: Multilevel adjustable

Line average: Multilevel adjustable

Focus Optimization: Multilevel adjustable

Gray Restrain: Multilevel adjustable

Gamma correction: Multilevel adjustable

Contrast: Adjustable

Brightness: Adjustable

Self-motion optimize function: Built-in multiple check type, according to different inspection organs, preset best image check condition, reduce the adjusting operation keys;

One-click optimization function: preset several parameters adjusting focus on a Key, a key to realize image fast optimization;

Measurement and calculation: B mode routine measurement: Distance, circumference, area, volume, angle, ratio, and stenosis rate. M mode routine measurement: Heart rate, time, distance, speed, ratio, etc. Gynecology measurement: Uterus, cervix, endometrial,

ovary, follicular. Obstetrics measurement: EGA, ETD, fetal weight estimation, AFI index, OB report (including OB tables). Cardiology measurement: LV measurement. Urology measurement: Prostate volume, displacement volume, bladder capacity, and residual urine output. PW measurements: Time, speed, Heart Rate, RI, PI, etc. Other measurement: Slice volume measurement, hip joint angle measurement.

Image storage: Image storage, video storage, cine loop,

disk storage capacity ≥ 160G;

Patient data: Medical record management, report inquiry and printing, image video output (HDD, USB, Optional DVD-RW), built-in ultrasound workstation;

Reporting system: automatic report generation system, and can be full screen characters in both Chinese and English editor;

Electrical Power

Voltage: 100V ~ 240V

Power: DC19V10A

Frequency: 50 or 60Hz

Physical Specifications

Equipment size: 369mm (Length) x 380mm (Width) x 161mm (Height)

Equipment weight: 7kg

Conditions

Operating Temperature: 5°C ~ 40°C

Humidity: ≤ 80%

Pressure: 700hPa ~ 1060hPa

Storage Temperature: -5°C ~ 40°C

Connectivity/Media/Peripherals

Transducer Ports: 2

USB Ports: 1

Hard Disc: 120GB (SSD), 120G/256GB SSD (Optional)

Foot switch: USB

External Display: VGA, HDMI

USB Printer

Digital Laser Printer

Digital B/W Thermal Printer

Cine/Image Memory

Cine Memory: 512 frames

Cine Review Speed: 1, 2, 4, 8

Cine Review Loop

Cine Capture Function

DICOM Connectivity

DICOM 3.0 Compliant

Image Storage

Storage Format: PNG, AVI, BMP, JPEG, DICOM

Export Video Format: AVI

Export Image Format: PNG, JPEG, BMP

DICOM

USB Flash Drive

II.Function:

Zoom: 10 times




Cine loop: up to 6400 frames

HDD 120GB

III.Standard Configuration:

- 1.One host machine
- 2.One convex array probe:F=3.5MHZ
- 3.One power adapter
- 4.USB port

Optional probe performance table

Type	Scan model	Frequency range	element	radius of curvature	Probe Images
TC60A	Convex	2.0MHz~5.0MHz	96	R60mm	
TL40A	Linear	5.0MHz~10.0MHz	96	—	
TC10A	Cavity	5.0MHz~8.0MHz	96	R10mm	

Phased array

4D probe

Micro-convex array



Text/graphics interface board





interface board 1



interface board 2

Description of text/graphics interface board

No	Identification	Name	Function
1	DC- IN	Power socket	Input power
2	LINE OUT	Audio output	An external audio source access interface
3	MIC IN	Microphone	The microphone input interface
4	VGA	Video Graphics Array	Video output interface
5	HDMI	High Definition Multimedia Interface	High-definition video output interface
6		Protect grounding column	Connect with the protective grounding
7	FOOT SW		Foot pedal switch interface
8		USB	USB external port
9	DICOM	Network port	Connect internet or other equipment which is support DICOM
10	OFF/ON		The power switch

