



YJ-U60PLUS 3D/4D Color Doppler

—Full Digital Color Doppler Ultrasound Diagnostic System

Appearance

Smart, compact and clamshell design
12 inch LED monitor
Backlit operation panel, 8TGC
Floating keyboard
Two active probe connectors
Two probe holders

Probe

Transducer Types
3.5Mhz convex probe (2.0/ 3.0/ 3.5/ 4.0/ 5.5Mhz)
7.5Mhz linear probe (6.0/ 6.5/ 7.5/ 10.0/ 12.0Mhz)
3.5Mhz micro convex probe (2.0/ 2.5/ 3.5/4.5/ 5.0Mhz)
6.5Mhz transvaginal probe (5.0/ 6.0/ 6.5/ 7.5/ 9.0Mhz)
3.5Mhz phased array probe (2.1/ 3.0/ 3.5/ 4.0/ 5.0Mhz)
4D volume probe (2.0/ 3.0/ 3.5/ 4.0/ 5.5Mhz)

Applications

- Abdomen, Obstetrics, Gynecology, Pediatrics, Small parts, Artery, Superficial organ, Orthopedics, Cardiology, Musculoskeletal, Vascular, etc

Function

- Auto Image Optimization
- Tissue Harmonic imaging
- iClear (Speckle Noise Reduction)
- iBeam (Spatial Compound Image)
- iZoom
- PIHI (Pulse-Inverse Harmonics Imaging)
- SA (Synthetic Aperture ultrasonic Imaging)
- Panoramic Image (Option)

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- Trapezoid Image (Option)
- Continuous Wave Doppler(Option)

Display mode

- B, B|B,4B, B|M,M,B|D,PW,B|PW, CF
- Duplex/Triplex mode
- CW (option)
- 4D mode (option)

Zoom

- Real time zooming
- 10 Steps: ×1.0, ×2.0, ×3.0, ×4.0, ×5.0, ×6.0, ×7.0, ×8.0, ×9.0, ×10.0
- Selectable zooming position

Focus

- Continuous dynamic focus
- 1~16 selectable transmit focus
- Acoustic lens focus
- 1, 2, 3, 4 focus

Memory

Cine-memory

- B-mode
- M-mode
- SSD (Solid State Disk) 64G

Imaging Processing

B mode

- 8-step TGC slide pots
- Gain: 0~100%
- Depth: 1.6~30cm
- Frequency: 5 steps
- Dynamic range adjustable: 0~150dB
- Edge enhancement:0~7
- Persistence:0~7
- Chroma:0~6
- Grayscale:0~16
- Power: 0~100%
- Noise reduction: 0-6
- iclear: off, 1, 2, 3, 4

M mode

- Gain: 0~100%
- Sweep speed: 4 steps
- Maps: 0~16

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- Chroma:0~6

C mode

- Gain: 0~100%
- Pulse wave
- Wall filter: 4 steps
- Color Maps: 0~7
- Package size: 8~15
- Color persistence: 0~7
- Threshold: 0-3
- Base line: 0-6
- Line density: Low and high
- Spatial filter: 0-3

PW mode

- Gain: 0~100%
- Frequency: 5 steps
- Pseudo color:0~6
- PRFd:1.0~6KHz
- Basic line: 7 steps
- Wall filter: 7 steps
- Spectrum mode: Refresh and Synchronize
- Sampling volume: 0.5-48mm

Measurement & Calculation

Measurement

B mode (General)

- Distance
- Trace Length
- Ellipse (area)
- Trace(area)
- Angle
- Volume

PW mode

- HR (heart rate)
- Distance
- Velocity
- Time

Calculation

Abdomen

- Liver
- Gallbladder
- Pancreas

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- Spleen
-

Urology

- Kidney
- Ureter
- Bladder
- After the urine bladder
- Prostate
-

Gynecology

- Uterus
- Cervix
- Ovary
- Follicle

Early Obstetrics

- GS
- BPD
- CRL
- NT
- ...

Later Obstetrics

- BPD
- HC
- AC
- OFD
- FL
- TAD
- ...

Small parts

- Thyroid
- Testes

Musculoskeletal

- Hip

Peripheral vascular

- Intima
- Artery

Cardiology

- Distance
- Angle
- Volume

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- RVWd
- LVDd
- RVDd
- LVPWd
- RVWs
- LVDs
- RVDs
- LVPWs
- RV/LV
- AO
- ...

Physical Features

Connectivity

- Video out port
- DVI out port
- VGA out port
- 2 USB port
- DICOM 3.0

Dimension

- Gross dimension:
510 mm X 500 mm X 330mm
- Net dimension:
330mm X 150 mm X 380mm

Weight

- Gross weight
12 kg
- Net weight
7 kg

Power Requirements

- Voltage: AC 100V to 240V±10%
- Frequency: 50Hz±1Hz
- Rated Power: 250VA

Operation Conditions

- Ambient temperature: 0°C to +40°C
- Relative humidity: 38% to 85%
- Atmospheric Pressure: 700hPa to 1060hPa

Software & Accessories

Standard Accessories

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- Power Cable
- Operation Manual
- Fuse
- System Recovery USB
- Built in Li-ion battery

Optional Accessories

- B/W or color Video printer
- LaserJet or inkjet printer
- Trolley
- Aluminum case
- Biopsy guide