



YJ-U10T Color Doppler

—Full Digital Color Doppler Ultrasound Diagnostic System

Appearance

- Smart and compact design
- 15 inch LED monitor
- Flexible free arm
- Rotatable operation panel
- Backlit keyboard, 8TGC
- Four active probe connectors
- Six probe holders
- Four casters with brake

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, Musculoskeletal, Vascular, etc

**Function**

- Image optimization
- Speckled Reduction
- Tissue Harmonic imaging
- Dynamic apodization
- Dynamic aperture
- Directional Doppler Flow Imaging
- Edit the exam type and save the user-defined items
- Pulse Wave Doppler
- DICOM 3.0(Optional)
- Panoramic Image (Option)
- Trapezoid Image (Option)
- Continuous Wave Doppler(Optional)
- TSF
- HPRF

Display mode	<ul style="list-style-type: none">- B, B B,4B, B M,M,B B,B C D,B D,PW,B PW,CF,CW,4D- Triplex mode
Zoom	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- Continuous dynamic focus- 1~16 selectable transmit focus- Acoustic lens focus- 1, 2, 3, 4 focus
Memory	Cine-memory <ul style="list-style-type: none">- B-mode- M-mode- Hard disk 500GB



Imaging Processing

B mode	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- Gain: 0~100%- Sweep speed: 4 steps- Maps: 0~16- Chroma:0~6
C mode	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- 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)	<ul style="list-style-type: none">- Distance- Trace Length- Ellipse (area)- Trace(area)- Angle- Volume
PW mode	<ul style="list-style-type: none">- HR (heart rate)- Distance- Velocity- Time

Calculation

Abdomen	<ul style="list-style-type: none">- Liver- Gallbladder- Pancreas- Spleen
Urology	<ul style="list-style-type: none">- Kidney- Ureter- Bladder- After the urine bladder- Prostate
Gynecology	<ul style="list-style-type: none">- Uterus- Cervix- Ovary- Follicle
Early Obstetrics	<ul style="list-style-type: none">- GS- BPD- CRL- NT...
Later Obstetrics	<ul style="list-style-type: none">- BPD- HC- AC- OFD- FL- TAD...
Small parts	<ul style="list-style-type: none">- Thyroid



	<ul style="list-style-type: none">- Testes
Musculoskeletal	<ul style="list-style-type: none">- Hip
Peripheral vascular	<ul style="list-style-type: none">- Intima- Artery
Cardiology	<ul style="list-style-type: none">- Distance- Angle- Volume- RVWd- LVDd- RVDd- LVPWd- RVWs- LVDs- RVDs- LVPWs- RV/LV- AO...

Physical Features

Connectivity	<ul style="list-style-type: none">- Video out port- S-Video out port- VGA out port- RS-232- 2 USB port- DICOM 3.0
Dimension	<ul style="list-style-type: none">- Gross dimension: 780 mm X 690 mm X 1380mm- Net dimension: 750mm X 600 mm X 1380mm
Weight	<ul style="list-style-type: none">- Gross weight 105kg- Net weight 65kg
Power Requirements	<ul style="list-style-type: none">- Voltage: AC 100V to 240V±10%- Frequency: 50Hz±1Hz- Rated Power: 250VA
Operation Conditions	<ul style="list-style-type: none">- Ambient temperature: 0°C to +40°C- Relative humidity: 38% to 85%- Atmospheric Pressure: 700hPa to 1060hPa



Software & Accessories

Standard Accessories

- Power Cable
- Operation Manual
- S-Video cable
- Fuse
- Recovery system USB
- DVD-ROM

Optional Accessories

- B/W or color Video printer
- LaserJet or inkjet printer
- Biopsy guide
- Foot switch