




Main features of YJ-U900T 3.0V 4D Ultrasound Machine

<p>MODEL</p>	 <p>YJ-U900T 3.0 VERSION</p>
<p>Computer specs</p>	<p>Windows Embedded operation system (EN language) 19" medical monitor(1280*1024)+10.4" touch monitor Intel i5 processor 4G RAM 120G SSD+500G HDD</p>
<p>Imaging Modes</p>	<p>2D, 3D, 4D, Color/PW/CW/Power/Directional Color Power Doppler, Tissue Doppler, Color M-Mode, Free Steering (Anatomical) M-Mode</p>
<p>Features</p>	<p>Compound Imaging, Speckle Reduction Imaging, Tissue Harmonics Imaging, 4D Real-time, Automatic Image Optimization, Tissue Doppler, Image optimization, Multi-Beam, IMT, Trapezoidal imaging iBank database</p>
<p>DICOM Modes</p>	<p>Store, Print, Working list, Storage Commitment, Structured Reports</p>
<p>Export Options</p>	<p>DICOM, Ethernet, JPG/BMP/PNG,AVI, Network Storage, USB Memory Stick. USB DVD/CD+R(W)</p>
<p>Input/Output</p>	<p>VGA, 2 USB Ports, Ethernet, Dicom, Built-in speakers</p>
<p>Transducer Types</p>	<p>Convex, Linear, Sector Phased, Micro Convex, 4D Volume Convex, Endocavity, Veterinary linear</p>
<p>Applications</p>	<p>Abdominal, OB/GYN, Urology, Cardiac, Vascular, Small Parts, Pediatric, MSK</p>
<p>Probe Ports</p>	<p>4 Active</p>
<p>Cine Memory</p>	<p>>10 seconds, 750frames</p>



Forever Medical





Probe Specifications

Convex probe- Adult abdomen application

Frequency: 2.5, 3, 3.5, 4, H4, H5MHz

Power:5-100% (arithmetic progression of 5: 5,10,15...100)

Gain:0-100

Dynamic range: 20-280% (geometric progression of 2 start from 20: 20,40,60...280)

Gray map:0-7

Frame correlation:0-4

Filtering:0-4

Image denoising:0-14

Scanning depth:3-27.3cm

Body mark:17

Scanning range:50-100% (arithmetic progression of 10 start from 50: 50,60,70...100)

Focus point:6

Pseudo color map :0-11

Linear density:64,128,256

TSI: normal, fat, fluid, muscle

Reversal:up/down, left/right

Compound frequency: on/off

Automatic optimization: on/off

Space compound: on/off

Linear probe-Carotid application

Frequency: 6, 7.5, 8.5, 10, H10 MHz

Power:5-100% (arithmetic progression of 5: 5,10,15...100)

Gain:0-100

Dynamic range: 20-280% (geometric progression of 2 start from 20: 20,40,60...280)

Gray map:0-7

Frame correlation:0-4

Filtering:0-4

Image denoising:0-14

Scanning depth:2-11cm

Body mark:13

Scanning range:50-100% (arithmetic progression of 10 start from 50: 50,60,70...100)

Focus point:5

Pseudo color map :0-11

Linear density:64,128,256

TSI: normal, fat, fluid, muscle

Reversal:up/down, left/right

Steering: left/right

Trapezoid Imaging: on/off

Compound frequency: on/off

Automatic optimization: on/off

Space compound: on/off

Cardiac probe- Adult cardiac application

Frequency: 2.5, 3, 3.5, 4, H3, H4 MHz

Power:5-100% (arithmetic progression of 5: 5,10,15...100)



Gain:0-100

Dynamic range: 20-280% (geometric progression of 2 start from 20: 20,40,60...280)

Gray map:0-7

Frame correlation:0-4

Filtering:0-4

Image denoising:0-14

Scanning depth:3-27.3cm

Body mark:7

Scanning range:50-100% (arithmetic progression of 10 start from 50: 50,60,70...100)

Focus point: 5

Pseudo color map :0-11

Linear density:64,128,256

TSI: normal, fat, fluid, muscle

Reversal:up/down, left/right

Compound frequency: on/off

Automatic optimization: on/off

Space compound: on/off

4D probe R40- Obstetrics applications

Central frequency: H5.0MHz

Multi-frequency: 3.0, H5.0, 6.0, 4.5, 3.0, 2.0MHz

Power:5-100% (arithmetic progression of 5: 5,10,15...100)

Gain:0-100

Dynamic range: 20-280% (geometric progression of 2 start from 20: 20,40,60...280)

Gray map:0-7

Frame correlation:0-4

Filtering:0-4

Image denoising:0-14

Scanning depth:3-27.3cm

Body mark:7

Scanning range:50-100% (arithmetic progression of 10 start from 50: 50,60,70...100)

Focus point: 6

Pseudo color map :0-11

Linear density:64,128,256

TSI: normal, fat, fluid, muscle

Reversal:up/down, left/right

Compound frequency: on/off

Automatic optimization: on/off

Space compound: on/off

Micro-convex for pediatric C5-9R10:

Central frequency 7.0MHz

multi-frequency: H8.0, 9.0, 7.0, 6.0, 4.5MHz

Micro-convex probe for adult C25R20:

central frequency 5.0MHz

multi-frequency: H5.0, H4.0, 5.0, 4.0, 3.5, 2.0MHz