



Forever Medical

4D Color Doppler Ultrasound Scanner YJ-PR8



Features:

1 Have black and white correlation Video output:

Support three color TV standards, NTSC, PAL, SECAM.

2 System Settings Interface language:

whatsapp/TEL.: 0086-18638789724
Web: www.forermedchina.com www.forevermedical-yj.com



Simplified Chinese, Traditional Chinese, English, French, Spanish, Japanese, Polish

Date format: The value can be YYYY-MM-DD, mm/dd/yyyy, mm.dd.yyyy, dd/mm/yyyy

Time format: 24 hours

Screen saver available

Position markers: About 125

Printer Settings: video printer, report printer

With automatic freezing function

With foot switch function

Settings Image storage format: JPG, BMP, DCM, TIF, PNG

Preset application mode:

In B/CFM/PW mode, 26 groups of preset mode Settings can be performed respectively (including 8 groups of user-defined Settings)

Default text comment:

Each group of application modes can be set 10 text comment content (each text comment ** more than 15 bytes) Obstetrical table, gestational age setting: set obstetrical measurement site, measurement method, view gestational age table and fetal growth table, create a custom gestational age table, fetal growth table with system upgrade, with maintenance tools.

3 Image Preprocessing

Total gain: adjustable TGC: 8 TGC regulating rod

Sound output: adjustable

Grayscale value: multilevel adjustable

4 Image Processing

Frame average: multilevel adjustable

Gray threshold: multilevel adjustable

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Gamma correction: multilevel adjustable
Contrast adjustment range: adjustable
GIP: multilevel adjustable
Spatial composite switch: adjustable
Trace: multilevel adjustable

5 Measurement and calculation

B-mode routine measurement: distance, circumference, area, volume, Angle, ratio, stenosis rate, etc.
M-mode routine measurement: heart rate, time, distance, slope, ratio, etc.
Gynecological measurement: uterus, cervix, endometrium, ovary, follicle, etc.
Obstetric measurement: gestational age estimation, due date, fetal weight estimation, amniotic fluid index
Cardiac measurements: left ventricular measurements, etc
Urology measurements: prostate volume, transitional area volume, bladder volume, residual urine volume, etc
PW measurement: Doppler measurement, time measurement, velocity measurement, heart rate measurement, RI measurement, PI measurement etc.
Orthopaedic surgery measurements: cross section measurement, hip measurement, etc
Vascular measurement: thickness of endovascular media, length stenosis ratio, area stenosis ratio

6 Storage function: image storage, video storage, video playback, disk storage space $\geq 500\text{G}$

7 Graphic management functions: image and video storage and output (HDD, DVD-RW, USB), built-in ultrasonic workstation

8 Markers: text markers, body markers, arrow markers

9 Puncture guide line:

The puncture guide line function corresponding to the probe can be registered and set



Technical parameters:

1. Probe	Convex array:	C3501, center frequency 3.5MHz, suitable for abdominal, gynecology, obstetrics, urology examination.
	Linear array:	L7501, center frequency 7.5MHz, suitable for small organs, breast examination.
	Transvaginal array:	E6501, center frequency 6.5 MHz, suitable for transvaginal and transrectal examination.
	Phased array:	P2501, center frequency 2.5MHz, suitable for cardiac examination.

2, probe interface: ≥ 2

3, Supported output device: USB mobile storage device digital, analog video printer

4 Display: High definition high resolution LCD display

5 Dimensions: Machine: 401 mm(length) '180 mm(width)395 mm(height)

6 Weight (excluding optional parts): 6.9kg

7 Display mode: B mode, 4B mode, B/M mode, M mode (M extended), anatomy M super, CFM mode, PW mode, B/PW, D extended, dual display, black and white/color dual real-time display mode

8 Image display: 256 gray scale display

Image rotation: left/right, up/down, 90 degree rotation

Depth range: Each probe has a corresponding depth range



Transmission focusing: multiple focusing positions (number of focusing positions depends on probe type and depth)

Receiving focus: continuous dynamic focus, dynamic aperture

Dynamic range: adjustable

Real-time scaling: adjustable magnification

M mode speed: adjustable

Change perspective: adjustable

The TGC curve is displayed

System Configuration

Machine, display	
Convex array probe:	C3501, center frequency 3.5MHz, suitable for abdominal, gynecology, obstetrics, urology examination.
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Patient information management software, tissue harmonic imaging software	
Disk storage capacity:	2500 GB
USB standard interface:	Supports USB2.0, 2 interfaces
Supports both black and white video printers and color video printers	
DICOM3.0 transmission:	After the ultrasonic device is connected to PACS, the required image can be transmitted and obtained through the DICOM protocol.