

YJ-580 Version Full-Digital Laptop Ultrasound Scanner Technical Specification

Light and portable, much clearer image and convenient to operate. YJ-580 has an extra-long battery life with over 8 hours of standby time and 4 hours of working time - useful for consultation in various environment of cities, towns, outdoor. A variety of charging to ensure the examination consultation under different environments.

- * 12.1 inch HD LCD display
- * Rechargeable battery
- * THI and Histogram function
- * Support OB Report
- * Support: Chinese/English/Spanish/French/Portuguese/Russian/

Basic Parameters:

Probe Depth: 16 levels
Probe Frequency: 5 levels
Main gain: 0-100%
8 TGC: adjustable
Focus: 4
Image storage: 4920 images
Pseudo color: 0-7
Scanning area(angle): 3 levels
Edge enhancement: 0-3
Linear correlation: 0-5
Gamma correction: 0-7
Frame correlation: 0-3
Dynamic range: 0-135
Cine loop: 512 frames
Body mark: 97 kinds
U Disk support: FAT32 format
Image reversal: up/down, left/right, black/white
Measurement: General measurement, GYN & OB measurement package, Andrology measurement, Cardiac measurement
OB-1: GS,BPD,CRL,FL,HL,TAD,LV,OFD,AC,HC,AFI
OB-2: FTA,TTD,APTD,THD,TCD,CI,EFW,Input LMP,Growth Curve

Various Probes (80 elements):

Convex probe (2.0 - 5MHz)
Linear probe (5.5 - 9.0MHz)
Trans-vaginal probe (5.0 - 8.5MHz)
Micro-convex probe (4.0 - 7.0MHz)

LOGO customized



Probe frequency:

Convex probe

Frequency: 2.0MHz,2.5MHz,3.5MHz,4.0MHz,5MHz

Depth: 16 level 【126,142,158,173,189,197,205,213,221,229,237,245,253,261,269,307mm】

Linear probe

Frequency: 5.5MHz,6.5MHz,7.0MHz,7.5MHz,9.0MHz

Depth: 16 level 【35,42,49,62,69,76,83,90,97,104mm】

Trans-vaginal probe

Frequency: 5.0MHz,5.5MHz,6.5MHz,7.5MHz,8.5MHz

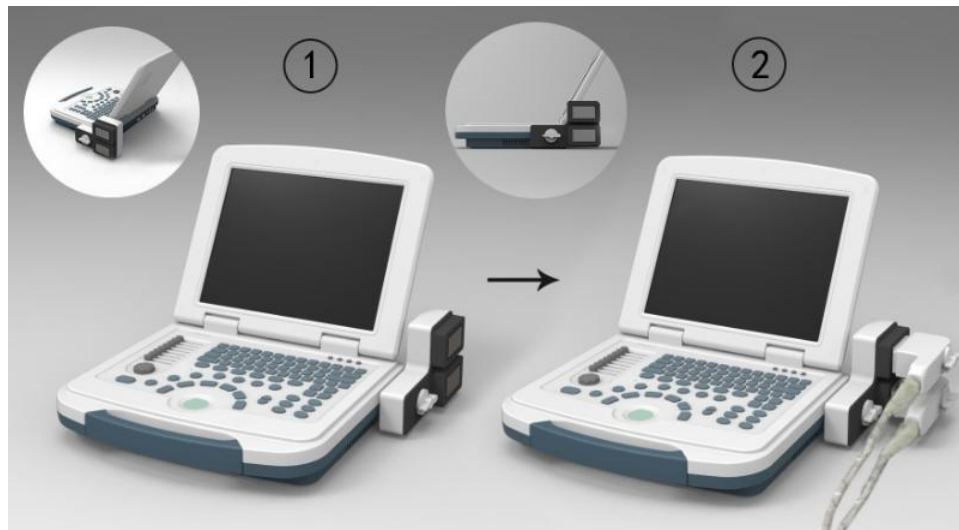
Depth: 16 level 【62,69,76,83,90,97,104,111,125,139mm】

Micro-convex probe

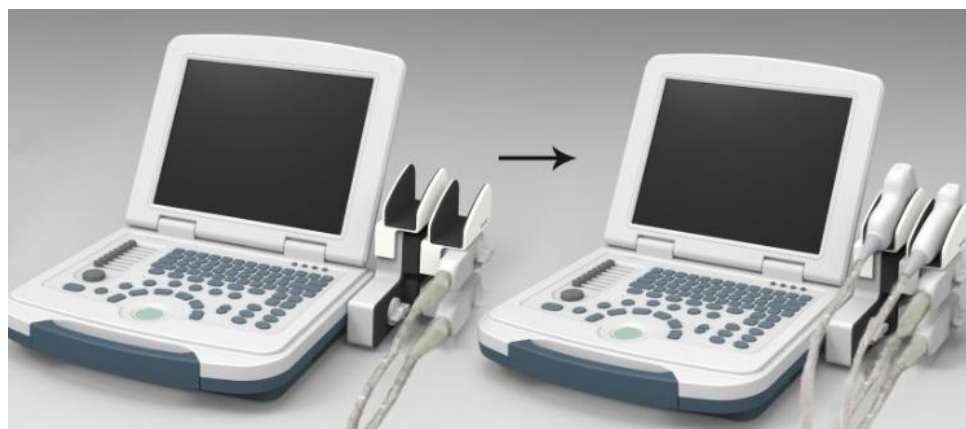
Frequency: 4.0MHz,4.5MHz,5.0MHz,6.5MHz,7.0MHz

Depth: 16 level 【62,69,83,97,111,125,139,152,166,180mm】

Docking station (Option)

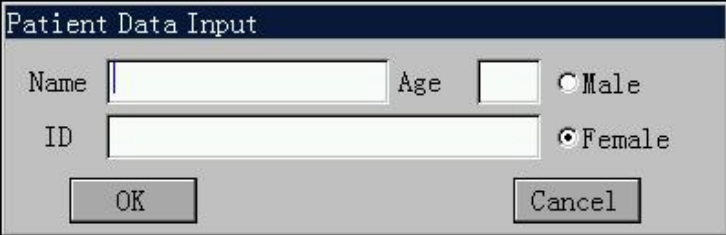


Probe holder (Option)



Upgraded Data sheet:

Patient information

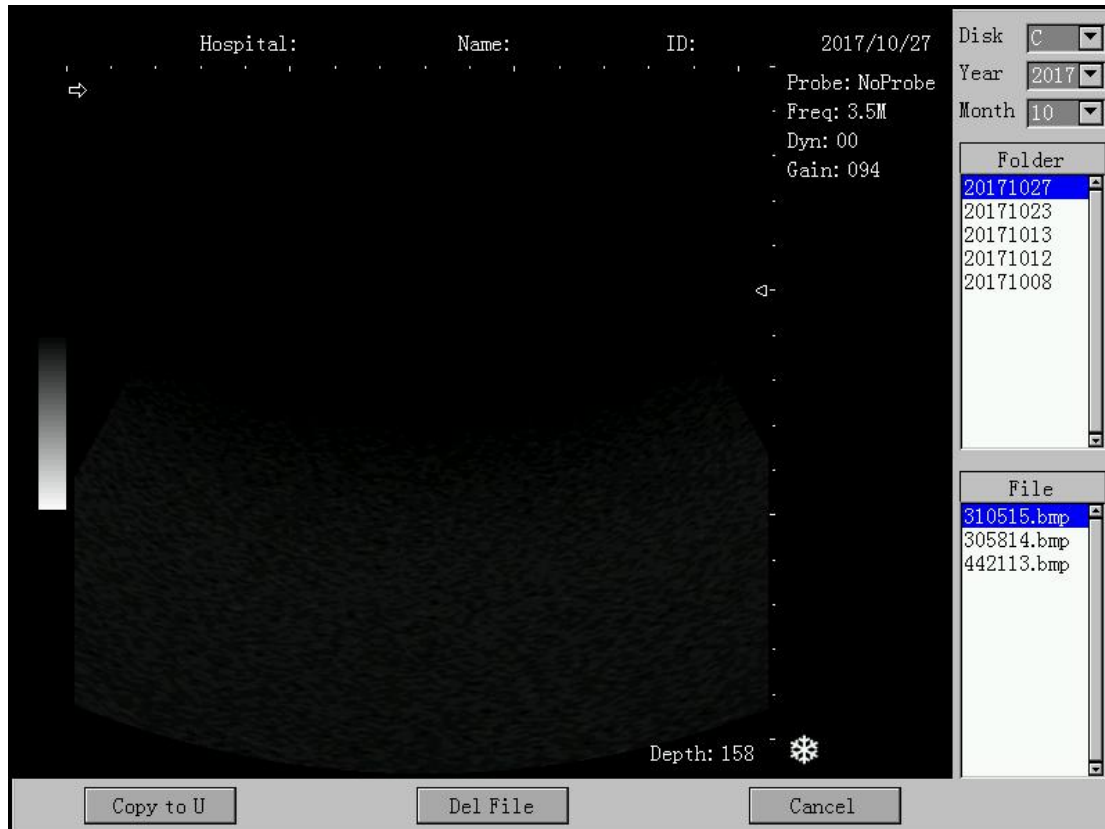


A screenshot of a 'Patient Data Input' dialog box. The dialog has a title bar 'Patient Data Input'. Inside, there are two text input fields: 'Name' and 'ID'. To the right of the 'Name' field is an 'Age' label and another text input field. To the right of the 'ID' field are two radio buttons labeled 'Male' and 'Female', with 'Female' being selected. At the bottom are two buttons: 'OK' and 'Cancel'.

B mode Menu:

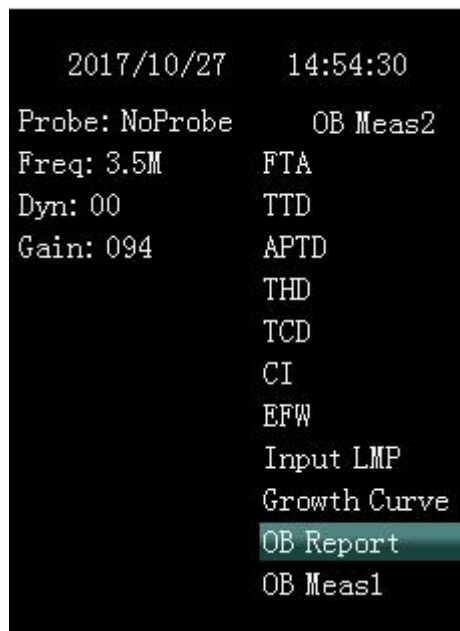
```
2017/10/27    14:53:54
Probe: NoProbe    B Mode Menu
Freq: 3.5M        Dynamic    0
Dyn: 00           Frame Avg   2
Gain: 094         Edge        0
                  Gamma       2
                  Line Avg    3
                  Img Rotation 0
                  H Rev       1
                  Scan Range  0
                  Img Rev     0
                  THI         0
                  Pseudo Color 0
```

Image transfer:



Measurement:

B Measurement



Other measurement: GYN & Thyroid & URO

GYN measurement:

```
2017/10/27 15:08:45
Probe: NoProbe      GYN
Freq: 3.5M          CX-L
Dyn: 00             Endo
Gain: 094           UT Volume
                   L/R.OV ▼
                   L/R.FO ▼
                   Report
                   Special Meas ▼
```

Thyroid measurement:

```
2017/10/27 15:09:08
Probe: NoProbe      Thyroid
Freq: 3.5M          L.Volume
Dyn: 00             R.Volume
Gain: 094           Report
                   Special Meas ▼
```

Kidney measurement:

```
2017/10/27 15:09:50
Probe: NoProbe      Kidney
Freq: 3.5M          CSA
Dyn: 00             Kidney-V
Gain: 094           Report
                   Special Meas ▼
```

URO measurement:

```
2017/10/27 15:09:33
Probe: NoProbe      URO
Freq: 3.5M          RUW
Dyn: 00             PV
Gain: 094           Report
                   Special Meas ▼
```

OB measurement:

```

2017/10/27  14:54:16
Probe: NoProbe    OB Meas1
Freq: 3.5M      GS
Dyn: 00         BPD
Gain: 094       CRL
                FL
                HL
                TAD
                LV
                OFD
                AC
                HC
                AFI
                OB Meas2
  
```

```

2017/10/27  14:54:30
Probe: NoProbe    OB Meas2
Freq: 3.5M      FTA
Dyn: 00         TTD
Gain: 094       APTD
                THD
                TCD
                CI
                EFW
                Input LMP
                Growth Curve
                OB Report
                OB Meas1
  
```

OB Report:

Hospital: Name: ID: 2017/10/27 14:54:30

OB Report

Hospital: Age: 2017/10/27 14:54:26

Name: Sex: Female ID:

	Measured	GA	EDC
GS	-----	-----	-----
BPD	-----	-----	-----
CRL	-----	-----	-----
FL	-----	-----	-----
HL	-----	-----	-----
TAD	-----	-----	-----
LV	-----	-----	-----
OFD	-----	-----	-----
AC	-----	-----	-----
HC	-----	-----	-----
FTA	-----	-----	-----
TTD	-----	-----	-----
APTD	-----	-----	-----
THD	-----	-----	-----
TCD	-----	-----	-----

EFW: AFI: CI:

Avg GA: Avg EDC:

Probe: NoProbe OB Meas2

Freq: 3.5M FTA

Dyn: 00 TTD

Gain: 094 APTD

 THD

 TCD

 CI

 EFW

 Input LMP

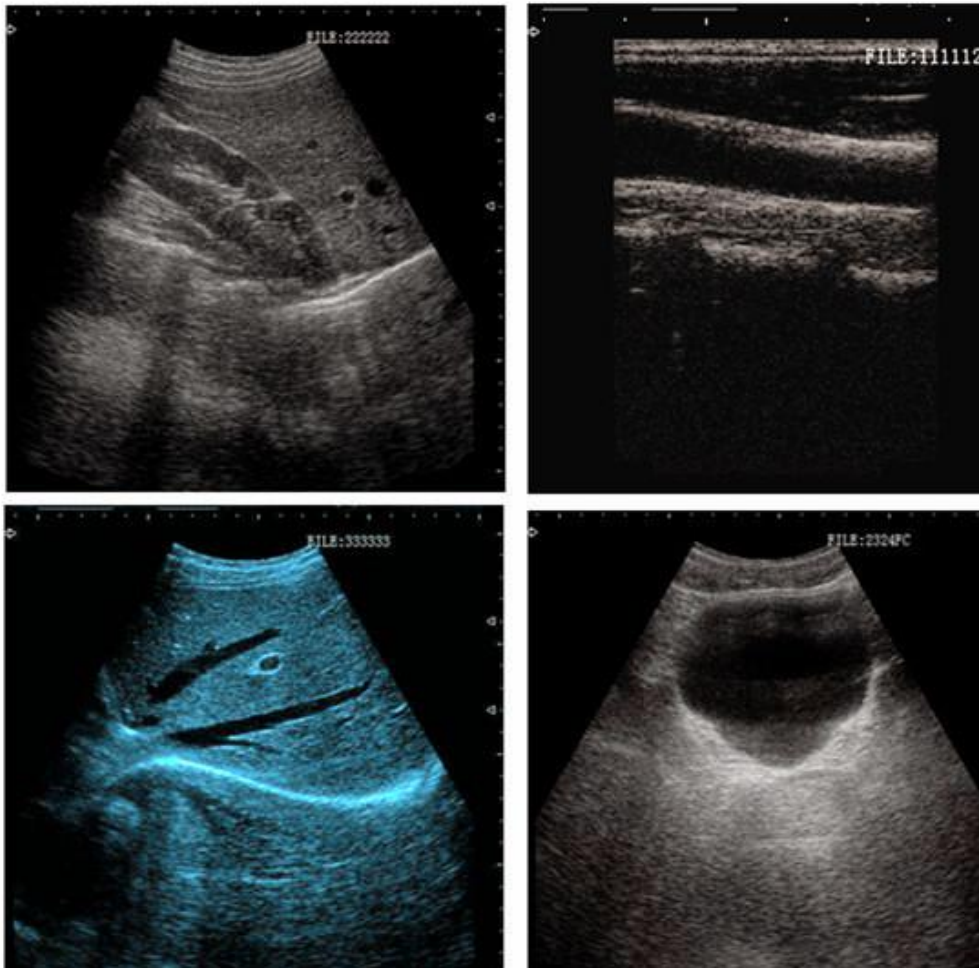
 Growth Curve

 OB Report

 OB Meas1

Depth: 158

Image Gallery:



Keyboard Distribution:

