

# WED-180

Full Digital Ultrasound Diagnostic System



CE 0434



# WED-180

## Full Digital Ultrasound Diagnostic System

### What' s NEW ?

- Net weight : 6.1kg
- 12.1" TFT color LCD(1024\*768)
- THI(tissue harmonic imaging)
- Automatic report generation(Normal/OB)
- Probe automatic identification(2 probe connectors)
- Scanning angle adjustment (Convex)
- pseudo color : 3 difference



### Full Digital Technology

Dynamic aperture technology making sure of the clear image from near to far field

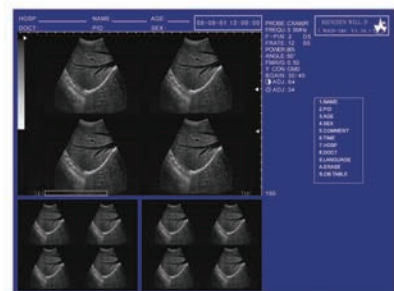
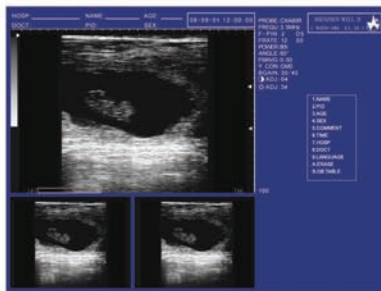
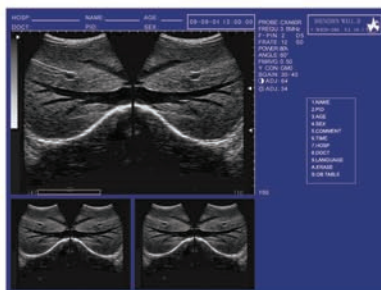
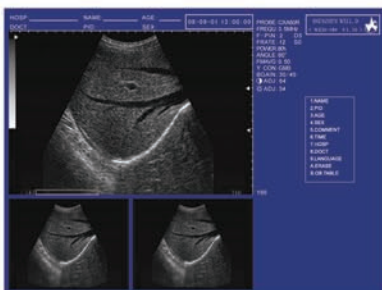


Digital Beamforming

- RDA: Real-time Dynamic Aperture
- DFS: Dynamic Frequency Scan
- DRA: Dynamic Receiving Apodization
- DRF: Dynamic Receiving Focusing

### Image Gallery

Originating from the full digital technology Advanced image processing



**Back-lit Keyboard**



**Digital Encoder Knobs**



**8-Segment TGC Adjustment**



**Multi-frequency Probe**



60R/3.5MHz Convex



10R/6.5MHz Transvaginal Convex



7.5MHz Linear



7.5MHz Endorectal Linear



20R/5.0MHz Micro-Convex



13R/6.5MHz Transvaginal Convex

# WED-180

## Full Digital Ultrasound Diagnostic Scanner

### Technical Specification

Scanning mode : Convex/Linear/Micro-convex

Display modes : B,B+B,B+M,M,4B,B+2B,6B,12B

Scanning depth : 40mm-240mm

Gray scales : 256

Cine-loop :  $\geq 500$  frame

Image permanent storage : 64 frames

Image conversion : up/down, left/right, black/white

pseudo color : 3

Local zoom : 2 times both in real-time and frozen

Measurement : distance, circumference, area, volume, EF rate, heart rate

OB measurments : EDD, GA, FW ( BPD, GS, CRL, FL, HC, AC )

Port : PAL-D , USB 2.0, RS-232

Monitor : 12.1 inch color LCD (brightness/contrast adjustable)

Body marks : 40

Comment : date&time, name, pid,sex, age, doctor, hospital, annotation (whole screen comment input)

Wide application : abdominal, OB/GYN, urology, cardiology, small parts examination, etc.

Power supply : AC 100V~240V, 50/60Hz

Standard configuration : 60R/3.5MHz Convex

Optional configuration : L40/7.5MHz Linear

20R/5.0MHz Micro-Convex

10R/6.5MHz Transvaginal Convex

13R/6.5MHz Transvaginal Convex

L40/7.5MHz Endorectal Linear

Video Printer

Biopsy Bracket

Cart



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