

# AM-800B

## B/W Ultrasound System



•PC Base System



•Full Digital Processing



•8 TGC



•USB



•Optional 3D



•Silicon Backlit Keys



•PC Base System Features



Image Management



Measurement and Calculation



Customized Setting



Easy Report Function



Print to PC Printer



4-frequency  
(2.0/3.5/4.0/5.0MHz)  
R60 convex transducer



4-frequency  
(2.0/3.5/4.0/5.0MHz)  
R20 micro-convex transducer



4-frequency  
(5.0/6.5/7.0/10.0MHz)  
L40 linear transducer



4-frequency  
(5.0/6.5/7.0/8.0MHz)  
R13 transvaginal transducer



4-frequency  
(5.0/6.5/7.5/10.0MHz)  
L40 endo-rectal transducer

## Technical Specifications

1	Transducer Type:	linear/convex/micro-convex array
2	Scan Mode:	B, B/B, B/M, M, 4B
3	Gray Scale:	256
4	Monitor:	10" non-interlaced
5	Transducer Frequency:	4-frequency, 2.0-10.0MHz(depending on transducers)
6	Scanning Angle:	60-160 degree(depending on transducers)
7	Scanning Depth:	20-240mm(depending on transducers)
8	Beam Forming:	Full Digital Beam Former(DBF) Real-time Dynamic Aperture(RDA) Dynamic Receiving Focus(DRF) Dynamic Frequency Scanning(DFS) Tissue Harmonic Imaging(THI)
9	Imaging Processing:	Frame correlation Edge enhancement y-correlation 8-segment TGC adjustment
10	Image Reverse:	90/180/270° , positive/negative,
11	Dynamic Range:	≥100dB, 4-step switch
12	Zoom:	continuously, PIP(picture in picture)
13	Cine-loop:	256 frames manually or automatically, 4B or 9B, B/M or M mode cine loop
14	Body Mark:	43
15	Permanent Storage:	Internal flash & USB
16	Display Info.:	Date, Time, Hospital Name, Patient Name/ID/Age/Sex/Height/Weight, Transducer/Frequency, etc
17	Software Packages:	General, Obstetric, Gynecology, Cardiology, Organ, Urology
18	Measurement & Calculation:	distance, circumference, area, volume, angle, time, velocity, heart rate, residual urine, etc. Automatic measurement and calculation software packages of general, obstetric, gynecology, organ, cardiology and urology.
19	Peripheral Ports:	Video, VGA, USB 2.0, RJ45
20	Power supplier:	100-260V, 50/60Hz
21	Net Weight:	8kgs
22	Carton Size:	42(L)×43(W)×42(H) CM

## Standard Configurations

- main unit with built-in software packages, 2 transducer sockets and peripheral ports
- 10" non-interlaced monitor
- 4-frequency (R60/2.0/3.5/4.0/5.0MHz) convex transducer
- Power cable
- Fuse
- Coupling gel
- Operation manual

## Optional Items

- 4-frequency (R20/2.0/3.5/4.0/5.0MHz) micro-convex transducer
- 4-frequency (L40/5.0/6.5/7.5/10.0MHz) linear transducer
- 4-frequency (R13/5.0/6.5/7.5/8.0MHz) transvaginal transducer
- 4-frequency (L40/5.0/6.5/7.5/10.0MHz) endo-rectal transducer
- 3-D software; DICOM3.0; Video printer; Laser printer; Jet printer;
- Video recorder; biopsy guide, trolley cart, CF card



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