



ECHOGRAPHE DIGITAL

BELSON3000U

Full Digital Portable B/W Ultrasound System



Making Our Life Healthier





ECHOGRAPHE DIGITAL

Technical Specification

Display mode

B&W mode:	B,2B,B/M,4B
Duplex:	Real-time simultaneous 2D
Gray scale:	256
Display:	15"LCD monitor
Transducer frequency:	2.5-10Mhz
Digital technology:	Dynamic Receiving Focusing (DRF) Dynamic Frequency Scanning (DFS)
Scanning depth:	300mm

Imaging Processing

Pre-processing:	8-segment TGC Preset Gain (B&W) PRF Dynamic range Image enhancement Audio
Post-processing:	Acoustic power Gray map Black/white reverse Left/right reverse Up/down reverse

Functions

Cine-loop:	1000 frame cine loop memory
Storage media:	64GB massive image-storage capacity,
USB ports:	4
Zoom:	Pan Zoom
THI:	Tissue Harmonic Imaging
iTouch:	Reset the Default settings
iClear Imaging:	Optimize image with 4 grades
PW:	Pulse Wave

Measurement & Calculations

B mode:	Distance,circumference,area, volume,angle,fetal growth curve
M mode:	Distance,time,velocity,heart rate
Software packages:	General, abdomen,OB&GYN cardiology,small parts,urology

Others

Transducer connector:	2 active transducer connector ports
Peripheral ports:	Video, S-video, VGA, 4 USB ports
Power supply:	100-240VAC±10%, 50Hz/60Hz
Dimensions(main unit):	190mm (W) X365mm (L) X 430mm (H)
Net weight:	7.5Kg

Probe types

- 3.5 MHz convex probe
- 7.5 MHz linear probe
- 6.0 MHz trans-vaginal probe
- 5.0 MHz micro-convex probe

Multi-frequency probes



60R/3.5MHz convex probe Application:Abdomen. GYN.OB	7.5MHz linear probe Application: Vascular, Small Parts	20R/5.0MHz micro- Convex probe Application: Pediatric,Cardiac	6.0MHz trans- vaginal probe Application: Vaginal
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Our images



Liver

Carotid



Thyroid

Kidney

Standard Configurations

- BELSON3000U main unit
- 15" LCD with high resolution and contrast
- INTEL Core 2 Duo L9400 CPU
- 2GB DDR Ram
- 64GB high speed SSD hard disc
- Four USB ports
- One S-video output port
- Two transducer connectors
- Plenty of measurement & calculation software packages

Optional

- 3.5MHz multi-frequency convex probe
- 7.5MHz Linear probe
- 6.0MHz Transvaginal probe
- 5.0MHz Micro-convex probe
- MITSUBISHI thermal video printer
- iClear function