

DP-10 Portable B/W System Digital Ultrasonic Diagnostic Imaging System

Slim and Smart

“Good image quality, easy to use and light enough to take it anywhere”. It's customer's feedback on the requirements of a portable B/W system that drives us to develop DP-10, which makes integration of fashionable design, diagnostic confidence and economic choice a reality.

System Specifications:

Net Weight: 5.5 kg (without battery)

Dimensions: 6.34" L x 11.42" W x 13.94" H (16.1 cm L x 29.0 cm W x 35.4 cm H)

Display: 12.1-inch LED, High-Resolution 1024 x 768

Display Language: Chinese/English

Power: System operates via AC power

Display Modes and Imaging Processing:

Broadband, multi-frequency imaging:

B, B/B, 4B, B/M, M

Image processing:

- Multi-frequency probes for 2D imaging modes
- Image Zooming

User Interface:

- Alphanumeric QWERTY keyboard with Backlight
- Trackball: Speed presettable
- 8-Segment TGC
- User Defined Blank keys: shortcut for easy access to system menus and active parameter adjustment
- Key Backlight Brightness & Volume presettable

Application:

Abdominal, Obstetrical, Gynecological, Cardiac, Small parts, Urological, Vascular, Orthopedics, MSK



Intelligent Workflow/Storage/Review:

- Image archive on hard disk and USB mobile storage medium, temporary saving in cine memory
- 2 USB ports
- Single-frame image formats: BMP, JPG, DCM, FRM
- Multi-frame images formats: DCM, CIN
- iVision: Demo player
- Cine review: Auto, Manual (auto review segment can be set)
- Cine memory capacity (Max.)
 - B mode: 128 frames
 - M mode: 12.4 s

Standard Configuration:

- 12.1-inch LED monitor
- One transducer connector
- Control Panel
- Handle
- Indicators: Power/Battery/Standby/HDD status
- I/O Interfaces
 - 2 USB port
 - 1 VGA OUT port
 - 1 Video OUT
 - 1 S-Video OUT
- Measurement & Calculation software packages

Options

- Second transducer connector
- DICOM 3.0: Image storage and printing
- Footswitch
- Mobile trolley: UMT-110
- Carrying Case
- Keyboard dust-proof cover
- Needle-guided brackets

Transducers	Applications	Bandwidth	Depths	Biopsy Kit
35C50EB 	Gynecology, Obstetrics, Pediatric, Abdominal, Urology	2-5 MHz R50mm broadband Convex array	24.8cm	Available
75L38EB 	Pediatric, Abdominal, Small parts, Cephalic, Vascular, MSK, Orthopedics	5-10 MHz L38mm broadband Linear array	11.9cm	Available
75L60EA 	Pediatric, Abdominal, Small parts, Cephalic, Vascular, MSK, Orthopedics	5-10 MHz L60mm broadband Linear array	11.9cm	Available
65C15EA 	Abdominal, Pediatric, Cephalic, MSK, Cardiac	5.0-8.5 MHz R15 mm broadband Micro-Convex array	11.9cm	Available
65EC10EB 	Gynecological, Obstetrical	5.0-8.5 MHz R10mm broadband Endocavity Micro-Convex array	11.9cm	Available
35C20EA 	Gynecology, Obstetrics, Pediatric, Abdominal, Urology	2.0-5.0 MHz R20mm broadband Micro-Convex array	24.8cm	Available