

The new UF-400AX, fully digital Portable B/W Ultrasound system that is simply more powerful, more flexible, more reliable, Delivering more performance with more value.

New



Full Digital B/W
Portable Ultrasound System

UF-400AX



Features

- Fully Digital Portable Ultrasound System
- Continuous dynamic focusing
- Digital data management
- Tissue Harmonic Imaging
- Dual Probe connection
- 2 way Backlight Key Panel
- Ergonomically designed for ease of use
- USB flash-memory Image Filing
- Access-friendly large Trackball



Applications

- Abdominal
- OB/GYN
- Cardiology
- Vascular
- Musculoskeletal
- Small Parts
- Endo-Cavity



UF-400AX Specifications

| | | |
|------------------------------|--|---|
| Display Unit | 10-inch High-Contrast, High-Resolution CRT monitor | |
| Scanning Methods | Electronic : Convex / Linear / Micro Convex | |
| Beam Former | Digital Beam Former | |
| System Dynamic Range | 124dB | |
| Probe Connection Ports | 2 active connectors | |
| Operation Mode | B (2D) mode, Dual B (2D) mode, M mode, B (2D) / M mode | |
| Cine Memory | B-mode: max 256frame, M-mode: max 128 sec | |
| B-mode | Focus Method | Transmitting: max 3 zone focuses Receiving: continuous dynamic focuses |
| | Display Depth | 2~24cm, 1cm / step variable (probe dependent) |
| | Frequency | 3 kinds selectable |
| | Tissue Harmonic Imaging | on / off, 3 kinds selectable (probe dependent) |
| | Display Control | up / down, right / left, view angle variable (probe dependent) |
| M-mode | Display mode | Moving Bar |
| | Sweep Speed | 4 step (2, 4, 8, 16sec/frame) |
| | Echo Enhance | 8 steps |
| Imaging Control | GAIN | 60~100dB (1dB/step) |
| | Dynamic Range | 30~90dB (5dB/step) |
| | STC | 6 steps (slide volume) |
| | Acoustic Output | 3 steps variable |
| | Post Process | 8 steps |
| | Echo Enhance | 8 steps |
| | Frame Correlation | 8 steps |
| | Noise Reduction | 8 steps |
| | Spatial Filter | 8 steps |
| Zoom Control | Area Setting | ROI method |
| | Zoom Method | Scan Zoom (Live), Read Zoom (Freeze) |
| | Pan Control | Trackball |
| Measurements and Calculation | General | Distance, Area / Circumferential, Volume, Angle, Histogram, Ratio |
| | Cardiac | Left Ventricular, Area-length, Modified Simpson, Valve, Heart Rate |
| | OB/GYN | Gestational Weeks, Fetal Weight, AFI, Fetal Heart Rate |
| | Other | Stenotic Ratio, mean IMT, Urine Volume, Prostate Volume |
| Report Function | Measurement and Calculation Values, Graph (OB/GYN), Fetal Growth Curve | |
| Filing Function | Still Image: USB flash-memory, Network (JPEG/BMP format) | |
| | Measurement: USB flash-memory (CSV/XML format) | |
| Network | Ethernet (10BASE-T/100BASE-TX) | |
| | File transfer to PC | |
| Control Panel | 2 way backlight | |
| Trackball | 1.4 inch | |
| General | Power | AC100~240V ± 10%, 50/60Hz |
| | Power Consumption | Approx. 130VA |
| | External Dimensions | (W) 280 × (D) 370 × (H) 300mm |
| | Weight | Approx. 10kg |

| | | | | |
|------------------------|---------------|-------------|----------------|------------------|
| Optional Probes | •FUT-CS602-5A | 60R Convex | •FUT-CS152-5A | 15R Micro Convex |
| | •FUT-CS505-8A | 50R Convex | •FUT-CS105-8A | 10R Micro Convex |
| | •FUT-LS386-9A | 45mm Linear | •FUT-TVD114-7L | 11R Endo-Cavity |
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FUKUDA DENSHI reserves the right to change specifications without notice.

