

*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
Zoom Control	Spatial Filter	8 steps
	Area Setting	ROI method
	Zoom Method	Scan Zoom (Live), Read Zoom (Freeze)
Measurements and Calculation	Pan Control	Trackball
	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
Report Function	Other	Stenotic Ratio, mean IMT, Urine Volume, Prostate Volume
	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

<b>Optional Probes</b>	•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

FUKUDA DENSHI reserves the right to change specifications without notice.

