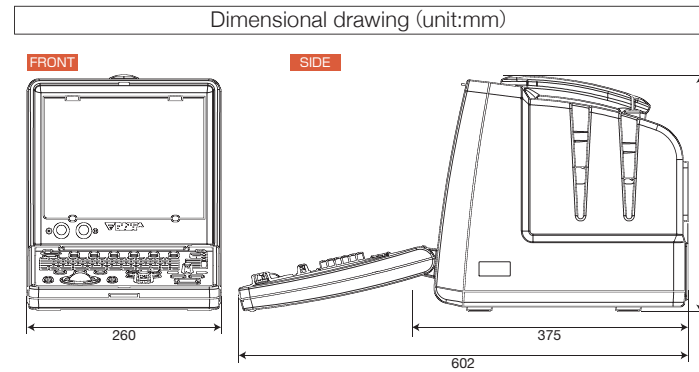


UF-400AX Specifications

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 256 frame, M-mode : max 128 sec	
B-mode	Focus Method	Transmitting : max 3 focus zone Receiving: continuous dynamic focus
	Display Depth	2~24cm, 1cm / step variable (probe dependent)
	Frequency	3 selections
	Tissue Harmonic Imaging	on / off, 3 selections (probe dependent)
	Display Control	up / down, left / right, view angle variable (probe dependent)
M-mode	Display mode	Moving Bar
	Sweep Speed	4 steps (2,4,8,16 sec/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	2way backlight	
Trackball	1.4inch	

General	Power	AC100~240V ±10%, 50/60Hz
	Power Consumption	Approx. 130VA
	External Dimensions	(W)260×(D)375×(H)315mm
	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

FUKUDA DENSHI reserves the right to change specifications without notice.



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UF-400AX



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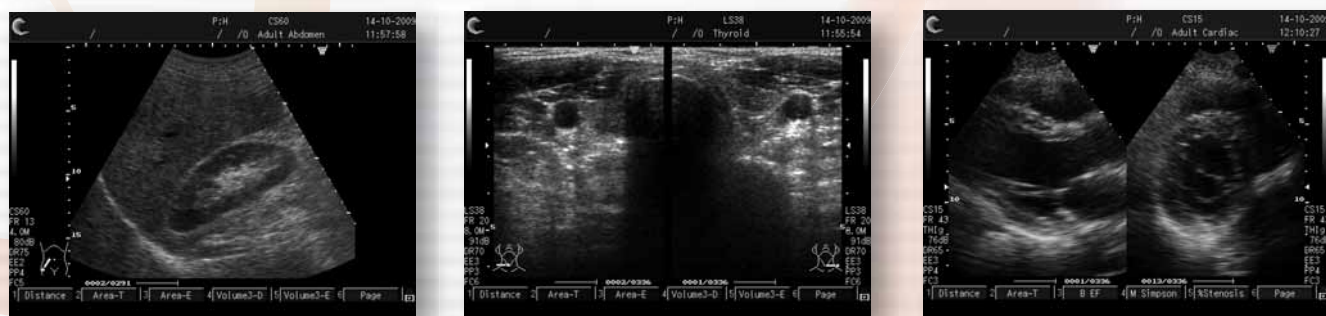
The Tellus development concept of “Human-friendly High Performance” is incorporated into this compact package.



The most recent technology is fully used to provide highly precise images.

Advanced performance, excellent image quality and powerful support diagnosis.

Simple operation enables anyone to use it easily.



Advanced performance

Smooth Operation

Navigation of the operation sequence with key switches illuminating in two colors ensure easy operation and interpretation.



Dual Probe Connection

Two probes can be connected simultaneously and the one intended for use can be selected from the operation panel. Since application is preset for each probe, examination can immediately be started under optimum condition.



Digital Filing

A USB memory port is provided as standard. Images can be saved in universal format, and thus they can be reviewed on a PC without using any special software. In addition, any stored image can be easily searched for or recalled for measurement.



Rotary Encoder

Each control knob on the operation panel uses a switch-equipped rotary encoder like our high-class models. Thus, operational efficiency is enhanced despite the small number of control knobs.



Cine Memory

If a desired image could not be frozen and saved, then the internal cine memory enables going back to past frames and save the most suitable image.

Excellent image

Highly Precise Image

The frequency compound method constructs each image by compounding ultrasonic waves of varied frequency components, thereby reducing speckle noise to provide highly precise images.

Frequency Changeover

With a single probe applied, frequency can be changed according to physical features or examination region.

Harmonic Image

Harmonic imaging function is provided as standard to scan with high resolution and less artifact.

