UF-760AG Specifications

Display Unit	15" active matrix LCD flat monitor	
Scanning Methods	Electronic Phased array / Convex array / Linear array / 3D&4D (option)	
Beam Former	Digital, Multi-Beam Processing	
Frame Rate	> 200 fps in B-mode (transducer and application dependent); > 40 fps in CFM (depth, angle and clinical application dependent)	
B-Mode	Operation Mode	Spatial and Frequency Compound (option)
		Trapezoidal Imaging (option), High Quality View (option)
	Focus Method	Transmitting : 1 step (8 types selectable)
		Receiving : continuous dynamic focus
	Display Depth	2 ~ 30 cm (depending on probe)
	Frequency	2 types selectable and AFA (Automatic Frequency Adjustment)
	Tissue Harmonic Imaging	on/off, 2 types frequency selectable (depending on probe)
	Color Scale Imaging	8 types B color selection
	Display Control	up/down, right/left, view angle variable (depending on probe)
M-Mode	Display Mode	Moving Bar
	Sweep Speed	4 steps (2.5 to 10 sec/screen)
	Color Scale Imaging	8 types M color selection
PW-Mode	Display Mode	PWD mode, High PRF mode
		Spectral Doppler Tissue Imaging (option)
	Sweep Speed	4 steps (2.5 to 10 sec/screen)
	Velocity Range	± 5cm/s to ±9.02m/s (transducer and application dependent)
CFM Mode	Display Mode	Velocity mode, Directional Power mode, Velocity Power mode
		Doppler Tissue Imaging (option)
	Velocity Range	± 1.4cm/s to ±4.51m/s (transducer and application dependent)
	Color Map	Velocity: 4 types, Power: 4 types, DTI: 4 types
CW Mode (Option)	Display Method	CWD mode
	Sweep Speed	4 steps (2.5 to 10 sec/screen)
	Velocity Range	± 5cm/s to ±9.02m/s (transducer and application dependent)
Imaging Control	Receiver gain	32 steps
	STC	8 slider pots
	Dynamic Range	8 steps
	Edge Enhance	8 steps
	Smooth	4 steps
	Gamma	8 steps
	Rainbow (B coloring)	8 steps
	Noise rejection level	8 steps
Probe Connection	2 Active Connectors	
Biological Signal	ECG (Option)	
Measurements and Calculations	General; Cardiology; Vascular; Urology; OB/GYN; Report Function Auto IMT Measurement (option)	
Data Management	Integrated PACS; Modality Work list; Long Term Archiving; Backup	
Image Archiving	Up to 600 frames (Cine Memory), up to 3000 frames with Long Cine memory option USB Memory; 120 GB SSD; External DVD	
Network	LAN	
	DICOM (option)	

General	Power	100-120/200-240 ±10%; 50-60Hz
	Power Consumption	150VA
	External Dimensions	367(W)x364(D)x98(H) mm
	Weight	6.9 kg (w/o battery)

Options	UF-760AG Trolley	*OTR-02*	CW Doppler	*UF-760AG-CWD*
	ECG Unit	*UF-760AG-ECG*	Cardiac Package	*UF-760AG-CPG*
	i/o Extension Unit	*UF-760AG-IOE*	DICOM Store SCU	*UF-760AG-SCU*
	Battery Pack	*UF-760AG-BAT*	DICOM MWL	*UF-760AG-MWL*
	DL-Adapter	*UF-760AG-DLA*	Stress Echo Package	*UF-760AG-STE*
	Isolation Transformer	*UF-760AG-ISO*	Long Cine	*UF-760AG-LCL*
	Foot switch	*OA-293*	3D/4D	*UF-760AG-4D*
	Cable Manager for Trolley	*UF-800XTD-CMG*	Easy Optimization	*UF-760AG-EOP*
	Probe Selector Unit	*UF-760AG-PSU*	Trapezoidal & Compound	*UF-760AG-TAC*
			High Quality View	*UF-760AG-HQV*
			Auto IMT Measurement	*UF-760AG-IMT*

Probes	Phased Array Sector	*FUT-SA162-5P*	Convex High Frequency	*FUT-CA144-9P*
	Phased Array Sector	*FUT-SA161-5P*	Convex 4D Volume	*FUT-CVA403-6P*
	Phased Array Sector	*FUT-SG125-8P*	Linear 40mm	*FUT-LA385-12P*
	Convex 60R	*FUT-CA602-5P*	Trans-Vaginal	*FUT-TVG114-7A*

FUKUDA DENSHI reserves the right to change specifications without notice.

CE 2797

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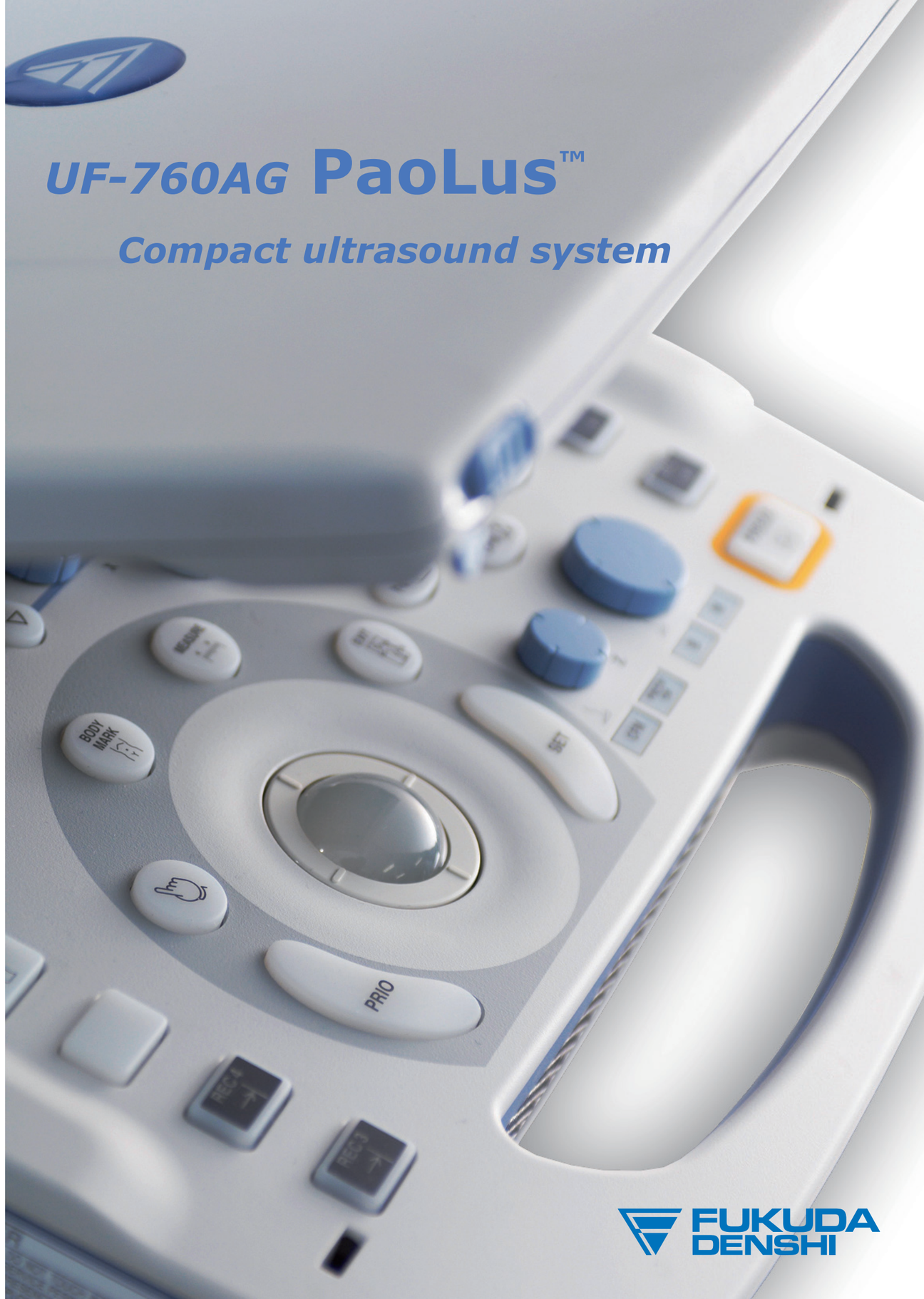
UF-760AG PaoLus™

Compact ultrasound system



FUKUDA DENSHI

A new generation of small ultrasound systems

UF-760AG can do more

Excellent performance
Undeniable image quality
Hypersensitive Pulsed and Continuous Doppler

With less than 7 kg

A high image quality leads to earlier disease detection, more accurate diagnosis and less invasive treatments. In order to ensure patient's premium care, Fukuda Denshi decided to provide to even more physicians, a small and easy to carry device with the best performance of an ultrasound system.

Small system, big innovation

As a result of its small size, light weight and large battery autonomy (more than one hour), UF-760AG can be easily transported, making it the right choice for all point-of-care environments such as emergency rooms, ambulances, domiciliary care or even the sports field.

Complete and Efficient

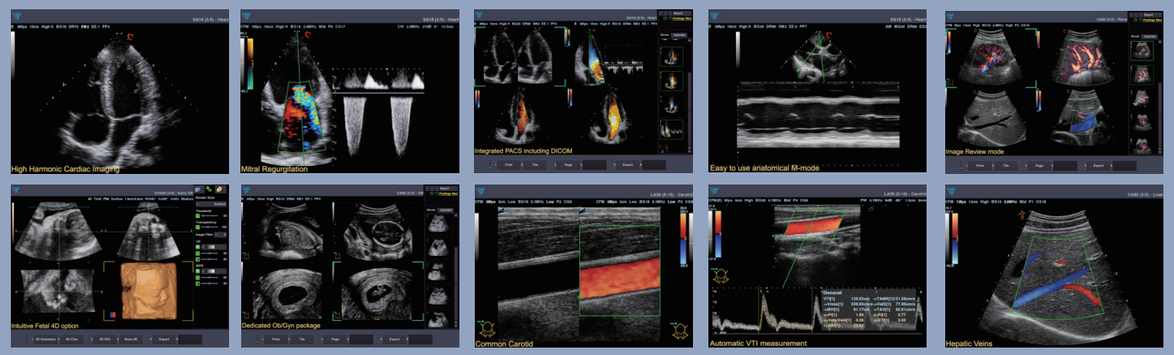
- ✔ Intuitive Workflow
- ✔ Large Ultrasound Area
- ✔ State of the art image quality
- ✔ Multi languages
- ✔ Full Measurement and Report Package
- ✔ Big storage capacity
- ✔ Easy image setup through " Easy Optim."
- ✔ i/o Extension Unit
- ✔ Optional Probe Selector Unit

Large Range of Features and Options

• Cardiac Package (including Anatomical M-mode)
• CWD • Stress Echo • Trapezoidal Imaging
• Easy Optim. • Spatial Compounding • 3D/4D
•Long Cine Loop • DICOM MWL, Store SCU
•High Quality View • Auto IMT measurment

All these features allow having a complete and efficient system in a very compact size.

Large Range of Medical Applications



One portable device, two probes

Switch probe, application and setup at a keystroke time. With two active connectors integrated directly on UF-760AG your examinations will be faster, better and more comfortable.

Full Probe Assortment

Cardiac	Vascular	Abdominal	Small Parts	Ob/Gyn
SA16	LA38	CA60	5-12L50	CA60
SG12	SG12	CVA40	SG12	CVA40
				TV11