

Full Digital Color Portable Ultrasound System UF-760AG PaoLus

A new generation of small ultrasound systems
With less than 7 kg

High image quality leads to earlier disease detection, more accurate diagnosis and less invasive treatments. In order to ensure patient's premium care, UF-760AG provide to even more physicians, a small and easy to carry device with the best performance of an ultrasound system.



FEATURES

- PC-based open architecture platform
- Fully digital, multi-beam processing
- Advanced ergonomics workflow
- AFA: Automatic Frequency Adjustment
- Hyper sensitive PW and CW doppler
- High-intensity, ultra wide view TFT LCD screen
- Fully integrated communication
- Anatomical M-mode
- Doppler tissue imaging
- Spectral Doppler Tissue Imaging
- Stress echo option
- Easy print capability
- User interface multi-language compatibility
- 3D / 4D imaging (option)
- Battery operation (option)
- One touch image optimization (option)
- Spatial compound imaging (option)



UF-760AG can do more

Excellent performance

Undeniable image quality

Hypersensitive Pulsed and

Continuous Doppler

Dimensions

37.6(W) x 36.4(D) x 9.8(H)cm

Weight

6.9 Kg(w/o battery)



MEDICON SERVICES
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Made in Japan

UF-760AG Specifications



Display Unit	15" active matrix LCD flat monitor			
Scanning Methods	Electronic Phased array / Convex array / Linear array / 3D&4D			
Beam Former	Digital, Multi-Beam Processing			
Frame Rate	More than 200 fps in B-mode (transducer and application dependent) ; max 40 fps in CFM (depth, angle and clinical application dependent) and max 20 volume/s in 4D			
B-Mode	Operation Mode	Spatial and Frequency Compound (option) Trapezoidal Imaging (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) on/off, 2 types frequency selectable (depending on probe)		
M-Mode	Tissue Harmonic Imaging	8 types B color selection		
	Color Scale Imaging	up/down, right/left, view angle variable (depending on probe)		
	Display Control	Moving Bar		
PW-Mode	Display Mode	4 steps (2 to 8 sec/screen)		
	Sweep Speed	8 types M color selection		
	Color Scale Imaging	PWD mode, High PRF mode		
CFM Mode	Display Mode	Spectral Doppler Tissue Imaging (option)		
	Sweep Speed	4 steps (2 to 8 sec/screen)		
	Velocity Range	± 500Hz to ±24KHz (transducer and application dependent)		
	Display Mode	Velocity mode, Directional Power mode, Velocity Power mode		
CW Mode (Option)	Display Mode	Doppler Tissue Imaging (option)		
	Velocity Range	± 250Hz to ±24KHz (transducer and application dependent)		
	Color Map	Velocity: 4 types, Power: 4 types, DTI: 4 types		
Imaging Control	Display Method	CWD mode		
	Sweep Speed	4 steps		
	Velocity Range	± 1KHz to ±48KHz (transducer and application dependent)		
Probe Connection	Gain	60 ~ 100 dB, 32 steps		
	STC	8 sliders		
	Dynamic Range	48 ~ 96 dB, 8 steps		
	Echo Enhance	8 Steps		
	Smooth	4 Steps		
	Post Processing	8 Steps		
	Line Density	2 Steps		
	ECG synchronized acquisition	Dual Time		
	2 Active Connectors			
	Biological Signal	ECG (Option)		
Measurements and Calculations	General; Cardiology; Vascular; Urology; OB/GYN; Report Function			
Patient Archiving	Integrated PACS; Modality Work list; Long Term Archiving; Backup			
Image Filing	600 frames (Cine Memory max 3000 frames with Long Cine option) USB Memory; 160 GB HDD; External DVD			
Network	LAN			
General	DICOM (Option)			
	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	CW Doppler	UF-760AG-CWD	Trapezoidal & Compound	UF-760AG-TAC
	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
	Easy Optimization	UF-760AG-EOP		



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