

Ultrasound System DUS - 6000



Ultrasound

Ultrasound System

DUS - 6000 complete versatility

TFT-LCD Color Display with backlight

Portable device with folding alphanumeric keyboard with trackball.

Two transducer ports.

One probe holder and handle.

Coupling gel trough.

THI & TSI technology.

PW Doppler.

B, 2B, 4B, B+M, M & PW display modes.

Supports local disk and removable disk for storage.

Two USB Ports and Network port (DICOM 3.0) .

B-mode generic measurement and calculation:

Distance, Cir/Area (ellipse/Trace), Volume, Ration, % stenosis, Angle and Histogram.

M-mode generic measurement and calculation: Distance, Time, slope, and Heart rate.

PW-mode generic measurement and calculation: Velocity, Heart rate, Time, Acceleration, Resistance Index (RI), Auto (auto Trace).

Cine loop: bidirectional.

Beam-Forming: Digital Beam-forming, Dynamic Receiving.

Focusing, Real-time Dynamic Aperture, Dynamic Frequency .

Scanning, Dynamic Apodization, Tissue Harmonic Imaging, Tissue Specific Imaging.

Image process (IP) Pre/Post processing.

Zoom.

Measurement & Calculation Software Package

Transducer options include: Convex array, Linear array, Transvaginal, Endorectal, and Micro-convex array.

Two USB Ports and Network port (DICOM 3.0)

VGA output port and Video output port.

Built-in high capacity rechargeable battery.

Meet ISO 13485 Quality Standard.

Meets FDA 510(k) requirements.

Two years warranty.



2 YEARS
warranty

Technical Specifications

General	Image Mode	Screen: 12.1 TFT-LCD Gray Scale: 256 B, B+B, 4B, B+M, Mand PW	
	Transducer Frequency	2.0-10.0 MHZ	
	Transducer Connectors	2 (standard)	
	Beam Forming	Digital beam Forming Dynamic Receiving Focusing Real-time Dynamic Aperture	Dynamic Frequency Scanning Dynamic Apodization Harmonic Tissue
	Scanning Angle	From 30 to 155 degree (depending on transducer)	
	Scanning Depth	From 19 mm to 245 mm (depending on transducer)	
	Applications	Abdomen, Obstetrics, Gynecology, Urology, Small Parts, Cardiology, Orthopedics, Vascular Peripherals	
Image Process	Pre-processing	Dynamic Range Edge Enhancement Frame Correlation Smooth	AGC 8-Segment TGC Adjustment IP (Image Process)
	Post-Processing	Gray map Gamma Correction Rejection Black / White reverse	Left / Right reverse Up / Down reverse Image rotation at 90 degree interval
Functions	Cine-loop	256 frames bidirectional cine-loop	
	Zoom	X1.0, X1.2, X1.4, X1.6, X2.0, X2.4, X3.0, X4.0 in distance	
	Storage Capacity	504MB built-in image storage and external USB	
	Body Mark	>130 types	
	Other	Transducer auto-detection, 16-segmet acoustic power output adjustment	
Measurement & Calculation	B Mode	Distance , Circumference , Area, Volume , Angle, Ratio, % Stenosis	
	M Mode	Distance , Time, Slope and Heart Rate	
	D Mode	Time, Heart Rate, Velocity, Acceleration, Trace and RI	
	Software Package	Abdomen, Obstetrics, Gynecology, Urology, Small Parts, Cardiology, Orthopedics and Peripheral Vessels	
	Display	Date, Time, Probe Frequency, Frame Rate, Patient Name, Patient ID, Hospital Name, Medical Values, Body Marks, Annotation , Pobe Position , Full-image-region edit	
Other	Peripheral Ports	Video output X 1 Output VGA X 1	2 USB Ports DICOM 3.0 X 1 (optional)
	Lithium Battery	Continuous working 1 hour (Optional)	
Transducers	Power Supply	100V-240V - 50Hz/60Hz	
	Dimensions	330mm (W) X 220mm (L) x 320mm (H)	
	Net Weight	7.1 kg	
	Standard Configuration	Main unit DUS-6000 Transducer Cable holder, power cord, ground wire, user manual, measurement package and calculation programs	12.1 TFT-LCD Monitor 2 connectors for transducer Cine-loop, 256 frames 504mb built-in image storage
	Options	Convex Transducer: C361-2 (80 elements). Frequencies. (2.5/3.5/4.5/H2.5/H2.7) Linear array transducer. Model L761-2 (80 elements). Frequencies (6.5/7.5/8.5/H4.5/H4.7) Micro-convex array transducer C611-2 (80 elements). Frequencies. (5.5/6.5/7.5/H4.5/H4.7) Transvaginal transducer E611-2 (80 elements). Frequencies. (5.5/6.5/7.5/H4.5/H4.7) Endorectal transducer E741-2 80 (80 elements) Frequencies. (6.5/7.5/8.5/H4.5/H4.7)	Video printer (optional) Laser printer (optional) Inkjet Printer (optional) Printer injection (optional) Guide biopsy (optional) Foot Switch (optional) Trolley (optional) Handbag (optional)

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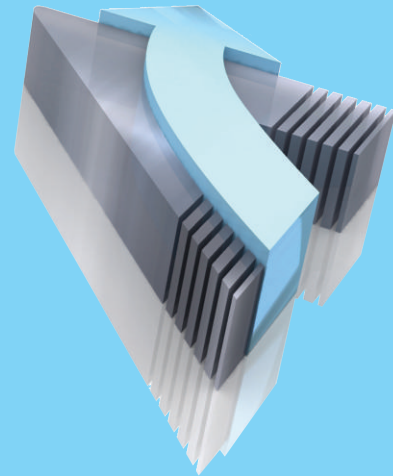
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6800 N.W. 77 Court,
Miami, FL 33166
U.S.A.
Phone: 305-477-6331
Fax: 305-477-5351

For additional information visit us at:
www.advanced-inst.com