

Ultrasound System DUS - 6000



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.



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	12.1 TFT-LCD Monitor 2 connectors for transducer Cine-loop, 256 frames 504mb built-in image storage
	Standard Configuration	Main unit DUS-6000 Transducer Cable holder, power cord, ground wire, user manual, measurement package and calculation programs	
	Options	Convex Transducer: C361-2 (80 elements). Frequencies. (2.5/3.5/4.5/H2.5/ 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)

2018 Advanced Instrumentations Inc, is a U.S.A registered company – All rights reserved.

All functionality, features, specifications and other product information provided in this document including, but not limited to, the benefits, design, pricing, components, performance, availability, and capabilities of the product are subject to change without notice or obligation. Advanced Instrumentations reserves the right to make changes to this document and the product described herein, at any time, without obligation on Advanced Instrumentations to provide notification of such change. Actual description and specification of the product in this document may be different. Images shown here are for representational purpose only, actual may vary.

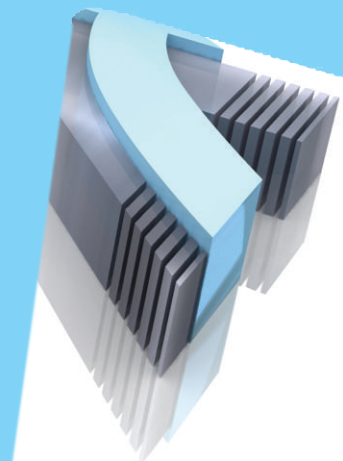
Advanced and Advanced Instrumentations trademarks and logos shown are property of Advanced Instrumentations Inc.

Success Through Quality/Since 1988

Advanced Instrumentations Inc.
Success Through Quality,
a Company You Can Trust

Advanced Instrumentations manufactures leading medical technology equipment in the areas of anesthesia, cardiology, operating room, gynecology and obstetrics, IV therapy, patient monitors, hospital furniture, neonatology and ultrasound. We deliver to the healthcare industry the highest-quality standards, reliability, and patient safety in all our products through effective, and rigorous testing procedures by our own department of Biomedical Engineering in the United States. All of our equipment comes with 1 years warranty and excellent post-sale support services.

Advanced Instrumentations Inc. Complies with the requirements of the ISO standards 9001: 2008 and 13485-2003 following the audit by one of the most prestigious global certification companies, as it is TÜV SÜD America. We comply with the requirements and are audited by the US Food and Drug Administration (FDA) an entity of the health and Human Services of the United States of America. These certifications are the result of dedication and commitment to excellence in our products and services.



Registered :



VK FORCE SOLUTIONS SDN. BHD. (1288081-H)
No. 933, Block A3, Jalan PJS 8/9,
Leisure Commerce Square, 46150 Petaling Jaya,
Selangor Malaysia.
Tel: +60378654913
Sales Hotline: +6018-295 8292 | +6018-235 8292
www.vkforcesolutions.com
Email: sales@vkforcesolutions.com