

Digital ULTRASOUND

DUS-3000

Digital Ultrasonic Diagnostic Imaging System



- Full digital technology and high performance transducers
- 128 frames cine loop memory
- Two transducer connector
- 56MB built-in image storage

DUS-3000 DIGITAL ULTRASONIC DIAGNOSTIC IMAGING SYSTEM



TECHNICAL SPECIFICATIONS

GENERAL		OTHERS:	
IMAGING MODE:	B, B+, 4B, B+M, M	PERIPHERAL PORT:	Video output X1 VGA output port X 1 USA port x 2 DICOM3.0 X 1 (optional)
GRAY SCALES:	256	POWER SUPPLY:	100V-240V - 50Hz/60Hz
DISPLAY:	10" non-interlaced	DIMENSIONS:	353mm(W) X 315mm(L) x 253mm(H)
TRANSDUCER FREQUENCY:	2.0-10.0 MHZ	NET WEIGHT:	11.5kg
TRANSDUCER CONNECTOR:	2 (standard)	STANDARD CONFIGURATIONS:	
BEAM-FORMING:	Digital Beam-forming Dynamic Receiving Focusing Real-time Dynamic Aperture Dynamic Frequency Scanning Dynamic Apodization Tissue Harmonic Imaging Tissue Specific Imaging	DUS-3000 main unit 10" non-interfaced monitor Two transducer connector 128 frames cine loop memory 56MB built-in image storage Two USB ports Measurement & calculation software packages Convex array transducer: C361-1 (2.0/3.0/4.0/5.0/6.0MHz) One cable holder	
SCANNING ANGLE:	From 30 to 155 degree (depending on transducers)	OPTIONS	
SCANNING DEPTH (mm)	From 20 to 250 (depending on transducers)	Linear array transducer: L741 (6.0/7.0/8.0/9.0/10.0MHz, 80 elements) Endorectal transducer: E741 (6.0/7.0/8.0/9.0/10.0MHz, 80 elements) Transvaginal transducer: E611-1 (4.5/5.5/6.5/7.5/8.5MHz, 80 elements) Micro-convex array transducer: C321-1 (4.0/5.0/6.0MHz, 80 elements) Convex array transducer: C341 (2.0/3.0/4.0/5.0/6.0MHz, 80 elements)	
IP (IMAGE PROCESS)		Video printer Laser printer Inkjet printer Biopsy guide DICOM 3.0 Footswitch Mobile trolley Hand carried bag	
PRE-PROCESSING:	Dynamic range Edge enhancement Frame correlation Smooth AGC 4-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:	128 frames bidirectional cine-loop		
ZOOM:	X1.0, X1.2, X1.4, X1.6, X2.0, X2.4, X3.0, X4.0 in distance		
STORAGE MEDIA:	Built-in Flash, External USB-Memory Stick		
STORAGE:	56MB permanent image		
BODY MARK:	>130types		
TRANSDUCER AUTO-DETECTION			
16-SEGMENT ACOUSTIC POWER OUTPUT ADJUSTMENT			
MEASUREMENT & CALCULATION			
B-MODE:	Distance, Circumference, Area, Volume, Angle, Ratio, % Stenosis		
M-MODE:	Distance, Time, Velocity, Heart rate (2 cycles), Slope		
SOFTWARE PACKAGES:	Abdomen, Gynecology, Obstetrics, Urology, Small parts, Cardiology, Orthopedics		
DISPLAY:	Date, Time, Probe Name, Probe Frequency, Frame Rate, Patient Name, Patient ID, Hospital Name, Measurement Values, Body Marks, Annotation, Probe Position, Full-image-region edit		



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Note: Specifications subject to change without notice.

Contáctenos para información adicional

Nota: Especificaciones sujetas a cambios sin previo aviso.

