

Technical Specification



General: Imaging mode: B, 2B, 4B, B+M, M, and PW Gray scale levels: 256 Display: 12.1" TFT-LCD Transducer frequency: 2.0-10.0MHz Transducer connector: 2 standard Beam Forming: Phase Inversion Harmonic Imaging Multi-Beam Technology Synthetic Receiving Aperture Dynamic Receiving Focusing Real-time Dynamic Aperture Dynamic Frequency Scanning Dynamic Apodization Scanning angle: Up to 155 degrees (transducer dependent) Scanning depth (mm): From 19 to 324 (transducer dependent) Applications: Abdomen, obstetrics, gynecology, small parts, musculoskeletal, cardiology, peripheral vascular, urology Functions: Cine loop: 256-frame bidirectional cine-loop Zoom: x1.0, x1.2, x1.4, x1.6, x2.0, x2.4, x3.0, x4.0 in distance Panoramic zoom in real-time and freeze Storage media: Built-in Flash, internal large capacity data storage Built-in image archive: 504MB built-in image storage Body marks: >130 types Transducer auto-detection	Others: Peripheral ports: S-video output: 1 Video output: 1 VGA output: 1 USB port: 2 Ethernet port: 1 Remote control: 1 Footswitch port: 1 Power supply: 100V-240V ~ 50Hz/60Hz Lithium battery: Continuous operation for up to 2 hours Dimensions: 330mm (13.0") (L) x 220mm(8.7") (W) x 320mm (12.6") (H) Net weight: 7.1kg (15.7 lb) Imaging Processing: Pre-processing: Dynamic Range Frame Persist Gain 8-segment TGC adjustment IP (Imaging Process) Post-processing: Gray map Speckle Reduction Technology Pseudo-color Gray Auto Control Black/white invert Left/right invert Up/down invert Image rotation at 90° interval Measurement & Calculation: B-mode: Distance, circumference, area, volume, ratio% stenosis, histogram, and angle M-mode: Distance, time, slope, and heart rate Doppler: Time, heart rate, velocity, acceleration, trace, and FI Software packages: General, obstetric, gynecology, small parts, orthopedics, cardiology, peripheral vascular, and urology	Display: Date, Time, Probe Frequency, Frame Rate, Patient Name, Patient ID, Hospital Name, Depth, Frame Rate, Exam Type, Measurement Values, Body Marks, Annotations, Probe Position Standard configurations: DUS 60 main unit 12.1" TFT-LCD monitor Two transducer connectors Pulsed wave Doppler Multiple-pseudo-color imaging 256-frame cine loop memory 504MB built-in image storage Two USB ports Measurement & calculation software packages Convex array transducer: C361-2 (2.5/3.5/4.5/H2.5/H2.7MHz) Options: Micro-convex array transducer: C611-2 (5.5/6.5/7.5/H4.5/H4.7MHz) Linear array transducer: L761-2 (6.5/7.5/8.5/H4.5/H4.7MHz) Linear array transducer: L743-2 (6.5/7.5/8.5/H4.5/H4.7MHz) Endovaginal transducer: E611-2 (5.5/6.5/7.5/H4.5/H4.7MHz) Endorectal transducer: E741-2 (6.5/7.5/8.5/H4.5/H4.7MHz) Needle-guide brackets for transducers Large capacity data storage Video printer Laser printer Inkjet printer Footswitch Li-ion battery Mobile trolley Hand-carry bag DICOM 3.0 UMS100 workstation software
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Digital Diagnostic Ultrasound System

DUS 60



About Edan

Edan is a healthcare company dedicated to improving the human condition around the world by delivering value-driven, innovative and high-quality medical products and services. For over 20 years, Edan has been pioneering a comprehensive line of medical solutions that address a broad range of healthcare practices including:

- Diagnostic ECG
- Patient Monitoring
- OB/GYN
- Ultrasound Imaging
- Point-of-Care Testing
- In-Vitro Diagnostics
- Veterinary

Healthcare professionals around the world depend on Edan's breakthrough medical technologies and outstanding customer support.



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Powerful technologies to increase your diagnostic confidence

- Phase Inversion Harmonic Imaging technology provides best-in-class image quality
- PW Doppler supplies more hemodynamics information
- Five-frequency transducers increase versatility

Go anywhere you need to go

- Compact and lightweight design facilitates mobility
- Built-in battery provides up to two hours of imaging
- Large capacity data storage

Intuitive user-friendly design

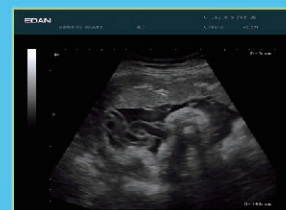
- One touch image optimization via smart image processing key
- Backlit, easy-to-use control panel
- User-defined keys to customize your work-flow

Practical tools enhance efficiency

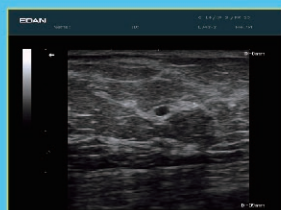
- Intelligent 8-segment TGC for precise adjustment
- Multi-format data transfer via USB and DICOM
- Multiple-pseudo-color options enhance image presentation

DUS 60

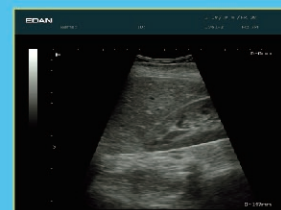
The DUS 60 Digital Diagnostic Ultrasound System is an impressive compact ultrasound system that provides superb value and outstanding imaging quality across the entire range of general imaging applications.



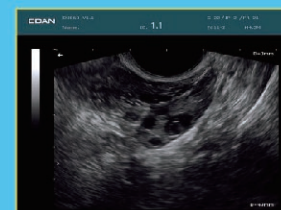
36 Week Placenta/Cord



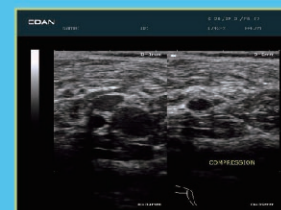
Breast Cyst



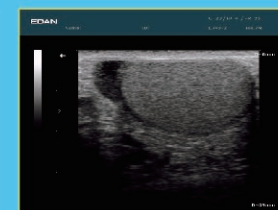
Liver/Kidney



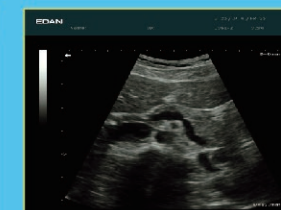
Ovary



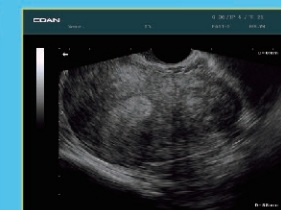
Popliteal Vein/Artery



Testicle



Transverse Pancreas



Uterine Fibroid



A world of potential