

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, pediatrics, 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

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

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 RI
 Software packages: General, obstetric, gynecology, small parts, orthopedics, cardiology, peripheral vascular and urology

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

Options:

Convex array transducer:
 C361-2 (2.5/3.5/4.5/H5.0/H5.4MHz)
 Micro-convex array transducer:
 C611-2 (5.5/6.5/7.5/H9.0/H9.4MHz)
 Linear array transducer:
 L761-2 (6.5/7.5/8.5/H9.0/H9.4MHz)
 Linear array transducer:
 L743-2 (6.5/7.5/8.5/H9.0/H9.4MHz)
 Endovaginal transducer:
 E611-2 (5.5/6.5/7.5/H9.0/H9.4MHz)
 Endorectal transducer:
 E741-2 (6.5/7.5/8.5/H9.0/H9.4MHz)
 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

DUS 60

Digital Ultrasonic Diagnostic Imaging System



About Edan

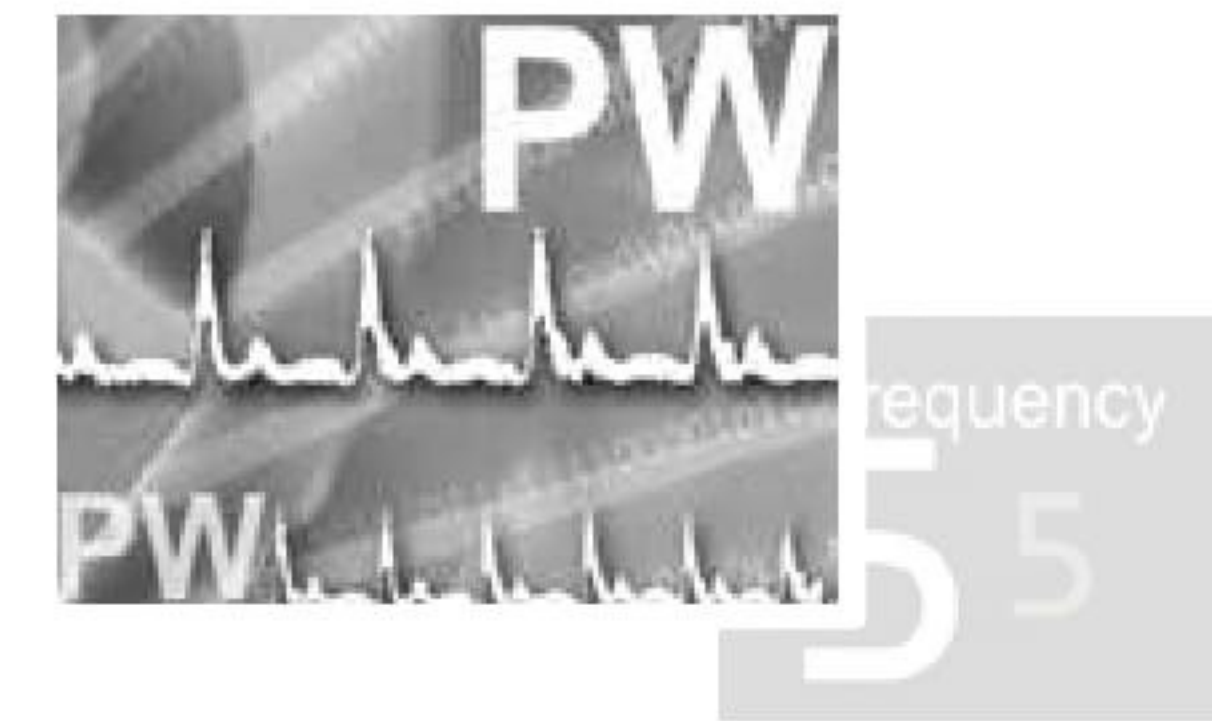
Edan is a healthcare company dedicated to improving the human condition around the world by delivering value-driven, innovative and high-quality medical products and services. For over 20 years, Edan has been pioneering a comprehensive line of medical solutions that address a broad range of healthcare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

DUS 60

Digital Ultrasonic Diagnostic Imaging System



- 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

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