

EDANUSA

DUS 60

Technical Specifications





Micro-convex array: C611-2







General:

Imaging mode: B, 2B, 4B, B+M, M, and PW Gray scales 256 Display: 12.1° TFT-LCD Display: 12.1° TFT-LCD Transducer frequency: 2.0-10.0MHZ Transducer connector: 2 standard

> 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 152 degrees (Iransducer dependent) Scanning depth (mm):
From 19 to 324 (transducer dependent)

Applications Abdomen, obstetrics, gynecology, small parts, musculoskeletal, cardiology, peripheral vascular, urology

Functions:

256 frames bidirectional cine-loop Cine loop: Zoom: x1.0, x1.2, x1.4, x1.6, x2.0, x2.4, x3.0, x4.0 in distance

Penoramic zoom in real-time and freeze

Built-In Flash, internal large capacity data storage

Built-in Image archive 504MB built-in Image storage Body marks: >130 types

Others:

S-video oulput 1 Video output; 1 VGA output:1 USB port: 2 Footswitch port:

Power supply: 100V-240V ~ 50Hz / 60Hz Lithium battery: Continuous operation for up to 2 hours
Dimensions: 330mm(13.0") (L) x220mm(8.7") (W) x320mm(12.6") (H)

7,1kg(15.7 lb)

Imaging Processing:

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:

Distance, circumference, area, volume, ratio %stenosis, histogram, and angle Distance, time, slope, and heart rate Time, heart rate, velocity, acceleration, trace, and RI

S oftware packages,
General obstetric, gynecology, small parts, orthopedics, cardiology, peripheral vascular,

Date, Time, Probe Frequency, Frame Rate, Patkint Name, Patient ID, Hospital Name, Depth, Frame Rate, Exam Type, Measurement Values, Body Marks, Annotations, Probe Position

Standard configurations:

DUS 60 main unit

Pulsed wave Doppler Multiple-pseudo-color Imaging 256 frames 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)

Micro-convex array transducer: C611-2(5.5/6.5/7,5/H4.5/H4.7MHz) Linear erray 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)

E741-2(8.5/7.5/8.5/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

UMS 100 workstation software





DUS 60

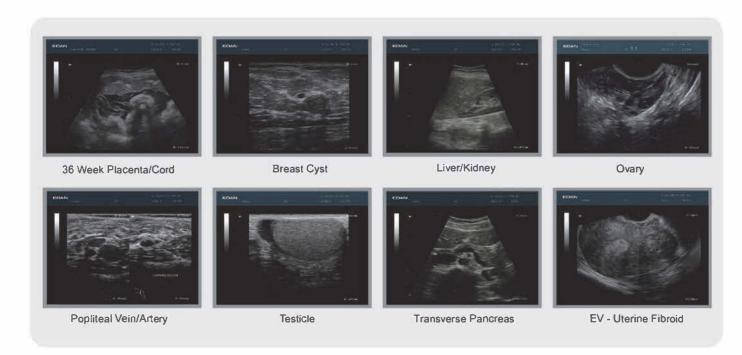
Digital Ultrasonic Diagnostic Imaging System







The DUS 60 is an impressive new compact ultrasound system, providing superb value and quality across the entire range of applications. The addition of PW Doppler increases diagnostic information content.











Gynecology



Pediatrics



Peripheral Vascular



Powerful technologies to increase your diagnostic confidence

- Phase Inversion Harmonic Imaging technology provides best-in-class image quality
- PW Doppler supplies physiologic information for increased diagnostic value
- Five-frequency transducers increases versatility



Go anywhere you need to go

- Compact and lightweight design for excellent mobility
- Built-in battery provides up to 2 hours of point-of-care imaging
- Large capacity data storage



> Intuitive user-friendly design

- One touch image optimization via smart IP 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