DUS 60
Technical Specifications

Convex array: C361-2
Micro-convex array: C611-2
Linear array: L743-2
Endovaginal: E611-2
Endorectal: E741-2
Linear array: L761-2

General:
- Imaging mode: B, 2B, 4B, M, PW, and SW
- Display: 12.1” TFT-LCD
- Transducer frequency: 2.0-10.0 MHz
- Transducer connector: 2 standard
- Beamforming: Phase Inversion Harmonic Imaging
- Multi-Beam Technology
- Dynamic Receiving
- Adaptive Dynamic Aperture
- Dynamic Smoothing
- Dynamic Apodization
- Ideal for obstetrics, gynecology, small parts, musculoskeletal, and cardiology
- Ideal for peripheral vascular, urology

Power supply: 100V-240V~50Hz/60Hz
- Lithium battery: Continuous operation for up to 2 hours
- Dimensions: 330mm(L) x 220mm(W) x 320mm(H)
- Net weight: 7.1kg

Imaging Processing:
- Pre-processing: Dynamic Range
- Post-processing: Gray map
- Image enhancement: Speckle Reduction Technology
- Image manipulation: Pseudo-color
- Image inversion: Left / right invert, Up / down invert
- Image rotation: 90°, 180°, 270°, 360°
- Measurement & Calculation:
  - B-mode: Distance, circumference, area, volume, ratio, stenosis
  - M-mode: Distance, time, slope, heart rate
  - Doppler: Time, flow, velocity, acceleration, ratio, and R
- Software packages: General, obstetric, gynecology, small parts, musculoskeletal, cardiology, and angiography

Measurement & Calculation:
- Distance, circumference, area, volume
- Ratio, stenosis, time, flow, velocity, acceleration, and ratio
- Image rotation at 90° intervals

Display:
- Date, Time, Probe Frequency, Frame Rate, Patient Name, Patient ID, Hospital Name, Depth, Frame Rate, Frame Type, Measurement Values, Body Marks, Annotations, Probe Position

Standard Configurations:
- DUS 60 main unit
- 12.1” TFT-LCD monitor
- 2 transducer connectors
- Pulsed wave Doppler
- Multiple pseudo-color imaging
- 256 frames cine loop memory
- Large capacity data storage
- Two USB ports
- Measurement & calculation software packages
- Convex array transducer: C361-2 (2.5/3.5/4.5/5.0/6.0 MHz)
- Linear array transducer:
  - C743-2 (6.5/7.5/8.5/9.0/10.0 MHz)
  - C611-2 (5.5/6.5/7.5/8.5/9.0 MHz)
- Endovaginal transducer: E611-2 (5.5/6.5/7.5/8.5/9.0 MHz)
- Endorectal transducer: E741-2 (6.5/7.5/8.5/9.0/10.0 MHz)
- Needle guide brackets for transducers
- Large capacity data storage
- Yellow printer
- Laser printer
- Jet printer
- Footswitch
- Li-ion battery
- Mobile trolley
- Hand-carry bag
- DICOM 3.0
- UMS100 workstation software
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.

- **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 workflow

- **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