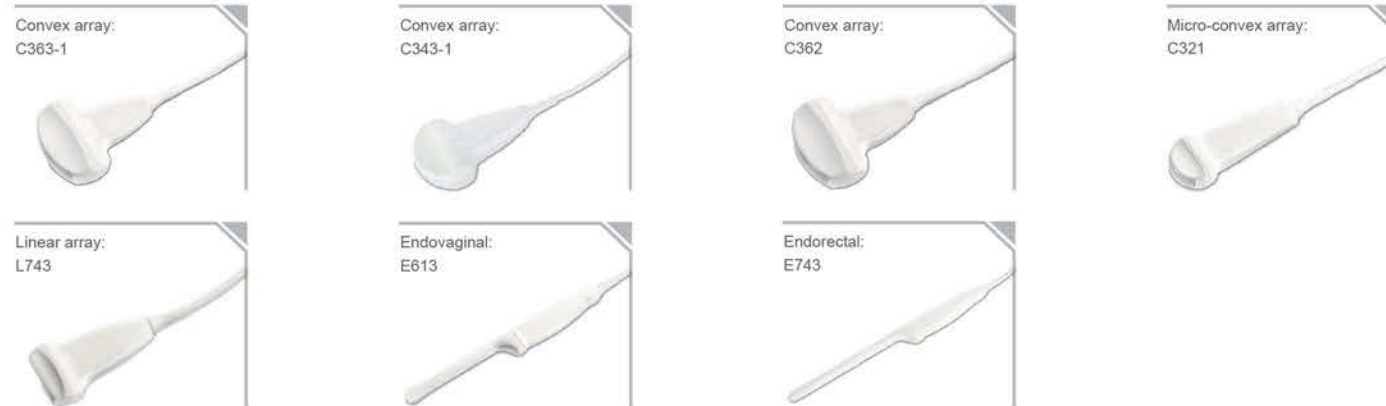




D6

Technical Specifications



General:

Imaging mode: B,2B,4B,B+M,M
 Gray scales: 256
 Display: 10" non-interlaced
 Transducer frequency:
 2.0-10.0 MHz
 Transducer connector: 2 standard
 Beam-forming: Digital Beam-forming
 Dynamic Receiving Focusing
 Real-time Dynamic Aperture
 Dynamic Frequency Scanning
 Dynamic Apodization
 Tissue Harmonic Imaging
 Tissue Specific Imaging
 Scanning angle: up to 152 degree (depending on transducers)
 Scanning depth (mm):
 from 19 to 245 (depending on transducers)
 Applications: Abdomen,obstetrics, small parts, gynecology,
 urology, cardiology, orthopedics

Imaging Processing:

Pre-processing: Dynamic range
 Edge enhancement
 Frame correlation
 Line correlation
 Smooth
 AGC
 8-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: 256 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: 56 MB permanent image
 Body mark: >130 types
 Transducer auto-detection
 16-segment acoustic power output adjustment

Measurement & Calculation:

B-mode: distance, circumference, area, volume, angle,
 ratio, %stenosis
 M-mode: distance, time, heart rate (2 cycles), slope
 Software packages:
 General,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

Others:

Peripheral port: Video output X1
 VGA output port X1
 USB port X2 (1 host, 1 device)
 DICOM3.0 X1 (optional)
 Power supply: 100V-240V~50Hz/60Hz
 Dimensions: 359mm(L) X 320mm(W) X 270mm(H)
 Net weight: 12 kg

Standard Configurations:

D6 main unit
 10" non-interlaced monitor
 Two transducer connectors
 256 frames cine loop memory
 56MB built-in image storage
 Two USB ports (1 host, 1 device)
 Measurement & calculation software packages
 Convex array transducer:
 C363-1 (2.0/3.0/4.0/5.0/6.0 MHz)

Options:

Convex array transducer:
 C343-1 (2.0/3.0/4.0/5.0/6.0 MHz)
 Convex array transducer:
 C362 (2.0/3.0/4.0/5.0/6.0MHz)
 Micro-convex array transducer:
 C321 (2.0/3.0/4.0/5.0/6.0 MHz)
 Linear array transducer:
 L743 (6.0/7.0/8.0/9.0/10.0 MHz)
 Endorectal transducer:
 E743 (6.0/7.0/8.0/9.0/10.0 MHz)
 Endovaginal transducer:
 E613 (4.5/5.5/6.5/7.5/8.5 MHz)

Video printer
 Laser printer
 Inkjet printer
 Biopsy guide
 DICOM 3.0
 Footswitch
 Mobile trolley
 Hand carried bag





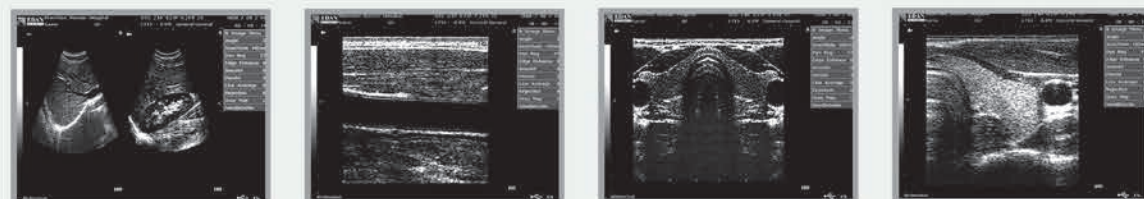
- IP
- F Position
- F Number



D6



With advanced digital beam-forming (DBF) technology, EDAN focuses on Ultrasound applications that will create new clinical value for you and your patients. Furthermore, the 56MB built-in image storage and standard configuration of two-transducer-connector bring along with more options and flexibility.



▶ Innovative Technology

D6, powered by innovative technology, optimizes imaging precision and ensures the reality and perfection of images.

- Dynamic Frequency Scanning (DFS)
- Real-time Dynamic Aperture (RDA)
- Digital Beam-forming (DBF)
- Dynamic Receiving Focusing (DRF)

▶ Comprehensive Applications

With a variety of multi-frequency transducers, and abundant measurements and calculation software packages, D6 insures optimal images and solid diagnosis confidence for each clinical application.

▶ Powerful Functions

- IP (Image Processing) Function
- Ergonomic Backlight Keyboard Design
- Intelligent 8-segment TGC adjustment
- Panoramic Zoom Function

▶ Excellent Features

D6 includes these features which are usually unique to higher end systems

- 256-frame cine loop
- 56MB image storage
- VGA output
- Dual USB ports (1 host, 1 device)
- DICOM 3.0 (optional)

