



EDANUSA

D6

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Technical Specifications



Convex array:
C363-1



Convex array:
C343-1



Convex array:
C362



Micro-convex array:
C321



Linear array:
L743



Endovaginal:
E613



Endorectal:
E743

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



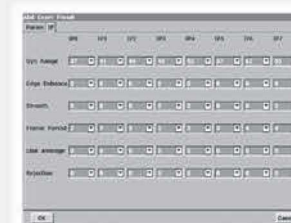
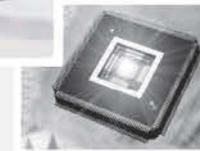
Digital Ultrasonic Diagnostic Imaging System

Care for Health

EDANUSA



- 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 DynamicAperture (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)