D6

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-interfaced
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, velocity, 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 (2.0/3.0/4.0/5.0/6.0 MHz)
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

EDANUSA

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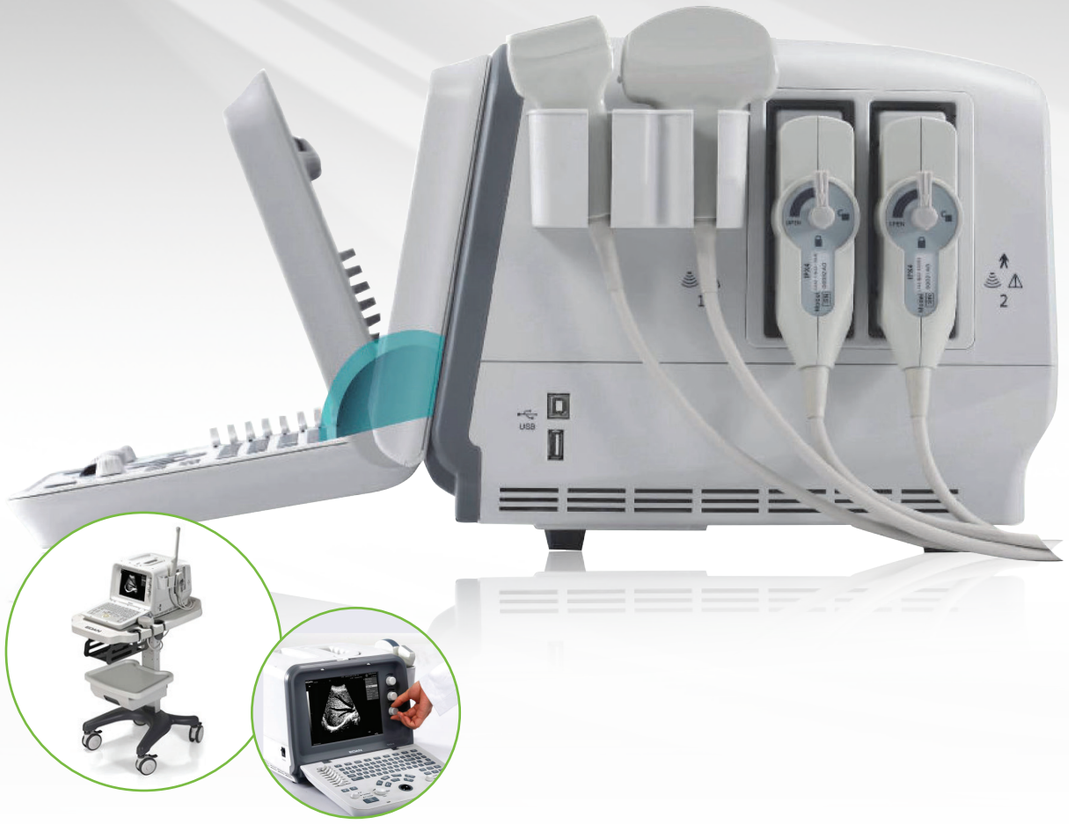
D6

Digital Ultrasonic Diagnostic Imaging System

Care for Health



- IP
- F Position
- F Number

Innovative Technology

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

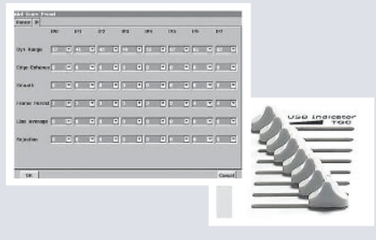
- Dynamic Frequency Scanning (DFS)
- Real-time Dynamic Aperture (RDA)
- Digital Beam-forming (DBF)
- Dynamic Receiving Focusing (DRF)

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.

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.



Powerful Functions

- IP (Image Processing) Functions
- 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)