

DRE FS-60 Advance

Digital Ultrasonic Diagnostic Imaging System

Features enhanced support of PW imaging

Powered by innovative technology, the DRE FS-60 provides optimal ultrasonic images. It has a maximum of 128 frames of built-in storage and a standard configuration of two transducer-connectors, giving you greater flexibility. The DRE FS-60 also has features typically exclusive to higher-end systems.

FEATURES

Powerful Technology

- › Complete digital beam forming technologies achieve high quality imaging
- › THI and TSI technology present sharp and clear imaging
- › PW Doppler brings more clinical diagnostic values on vascular disease
- › 5 frequency broadband transducer selection for wide clinical applications

Compact and Portable

- › Compact and lightweight design for superior mobility THI and TSI technology
- › 12.1" folding high resolution TFT-LCD screen generates image clarity
- › Built-in battery ready for scanning two hours at point of care

User-Friendly Operation

- › One-touch image quality optimization by smart IP key
- › Backlit palm controller
- › User-defined keys contribute smooth operation
- › Quick-save keys for improved operation

Feasible Elements for Enhanced Operation

- › Intelligent 8-segment TGC for precise adjustment
- › Multi-format data transferring via USB and DIACOM
- › Multiple color enhancement options for personalized needs



1366-2023-03-03

SPECIFICATIONS



Scanning Angle:
30-155° (depending on transducers)

Scanning Depth:
20 to 250mm
(depending on transducers)

Imaging Mode:
B, B+B, 4B, B+M, M and PW

Gray Scales:
256

Display:
12.1" TFT-LCD

Transducer frequency:
2.0 ~ 10MHz

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

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
- Colorization
- Left-right reverse
- Up-down reverse

OPTIONS

- › Linear array transducer L743UA (6.0/7.0/8.0/9.0/10.0MHz)
Applications: Small parts
- › Linear array transducer L763UA (6.0/7.0/8.0/9.0/10.0MHz)
Applications: Musculoskeletal, Vascular, Breast, Orthopedics
- › Micro-convex array transducer C321UA(2.0/3.0/4.0/5.0/6.0MHz)
Applications: Cardiac, Pediatric
- › Micro-convex array transducer C613UA(4.5/5.5/6.5/7.5/8.5 MHz)
Applications: Cardiac, Pediatric
- › Endorectal transducer E743UA (6.0/7.0/8.0/9.0/10.0MHz)
Applications: Urology
- › Endovaginal transducer E613UA (4.5/5.5/6.5/7.5/8.5MHz)
Applications: OB, GYN
- › Convex array transducer L343UA (2.0/3.0/4.0/5.0/6.0 MHz)
- › Needle-guided brackets for transducers
- › Also available: Video printer, laser printer, DICOM3.0, Footswitch
- › Mobile trolley, carrying bag, Lithium Battery



STANDARD CONFIGURATIONS

- › 12.1" TFT-LCD monitor
- › Two transducer connectors
- › 256 frames cine loop memory
- › 504 MB built-in image storage
- › Two USB ports
- › Measurement and calculation software packages
- › Convex array transducer C363-1 (2.5/3.5/5.0MHz)

SPECIFICATIONS

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 real time

Storage media:
Built-in flash, external USB-
memory stick

Built-in image archive:
504 MB built-in image
storage

Body mark:
>80 types

Transducer:
Auto detection

Transducer connector:
2 standard

B-mode:
Distance, circumference,
area, volume, ratio,
stenosis%, and angle

M-mode:
Distance, time,
slope and heart rate

D-mode:
Time, heart rate, velocity,
acceleration, trace and RI

Software packages:
abdomen,
gynecology, obstetrics,
urology, small parts,
cardiology, orthopedics,
peripheral vessels, and
urology