

# FS-60 Advance

Digital Ultrasonic Diagnostic Imaging System

Equipment for the way *you* operate

The compact FS-60 Advance provides superb value, superior quality and enhanced support of PW imaging to meet higher diagnostic requirements

## Powerful technology

- » Complete digital beam forming technologies achieve high quality imaging
- » THI & 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, including abdomen, obstetrics, gynecology, orthopedics, cardiology, peripheral vessels and urology



## Compact and portable

- » Compact and lightweight design for superior mobility
- » 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 DICOM
- » Multiple color enhancement options for personalized needs



**Listen to  
infant heartbeats  
with the built-in  
PW Doppler —  
no separate  
Doppler needed!**



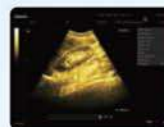
Liver



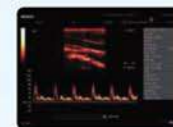
Thyroid



Fetal head



Kidney  
with color  
enhancement



CCW PW  
with color  
enhancement



CCA with  
color  
enhancement

# FS-60 Advance

Digital Ultrasonic Diagnostic Imaging System

Equipment for the way *you* operate

## Technical Specifications

### General

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	
Scanning angle	from 30 to 155° (depending on transducers)
Scanning depth (mm)	from 20 to 250 (depending on transducers)

### 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 panoramic zoom in real-time and frozen condition
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	
16-segment acoustic power output adjustment	

### Additional Features

Peripheral port:	
» Video output x 1	
» VGA output port x 1	
» USB port x 2	
» DICOM3.0 x 1 (optional)	
Power supply	100V - 240V~50Hz/60Hz
Lithium battery	Continuous working for 2 hours
Dimensions	330mm (W) x 320 mm (L) x 253 mm (H)
Net weight	7.1 kg

### Imaging Processing

Pre-processing	
» Dynamic range	
» Edge enhancement	
» Frame correlation	
» Line correlation	
» Smooth	
» AGC	
» 8-segment TGC adjustment	
» IP (Imaging Process)	

Post-processing	
» Gray map	
» Gamma correction	
» Rejection	
» Colorization	
» Left-right reverse	
» Up-down reverse	

### Measurement & Calculation

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, obstetric, small parts, gynecology, orthopedics, cardiology, peripheral vessels, and urology

### 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

### Standard Configurations

- » 12.1" TFT-LCD monitor
- » Two transducer connectors
- » 256 frames cine loop memory
- » 504MB built-in image storage
- » Two USB ports
- » Measurement and calculation software packages
- » Convex array transducer: C363UA (2.0/3.0/4.0/5.0/6.0 MHz)

### Options

- » Linear array transducer: L743UA (6.0/7.0/8.0/9.0/10.0 MHz)
- » Linear array transducer: L763UA (6.0/7.0/8.0/9.0/10.0 MHz)
- » Convex array transducer: L343UA (2.0/3.0/4.0/5.0/6.0 MHz)
- » Micro-convex array transducer: C321UA (2.0/3.0/4.0/5.0/6.0 MHz)
- » Micro-convex array transducer: C613UA (4.5/5.5/6.5/7.5/8.5 MHz)
- » Endorectal transducer: E743UA (6.0/7.0/8.0/9.0/10.0 MHz)
- » Endovaginal transducer: E613UA (4.5/5.5/6.5/7.5/8.5 MHz)
- » Needle-guided brackets for transducers
- » Video printer or laser printer
- » DICOM3.0
- » Footswitch
- » Lithium battery
- » Mobile trolley
- » Carrying bag



Convex array: C363UA  
(2.0/3.0/4.0/5.0/6.0 MHz)  
Applications: Abdomen, OB, GYN, Urology



Micro-convex array: C321UA  
(2.0/3.0/4.0/5.0/6.0 MHz)  
Applications: Cardiac, Pediatric



Linear array: L763UA  
(6.0/7.0/8.0/9.0/9.0 MHz/10 MHz)  
Applications: Musculoskeletal, Vascular, Breast, Orthopedics



Endovaginal: E613UA  
(4.5/5.5/6.5/7.5/8.5 MHz)  
Applications: OB, GYN



Convex array: C343UA  
(2.0/3.0/4.0/5.0/6.0 MHz)  
Applications: Abdomen, OB, GYN



Micro-convex array: C613UA  
(4.5/5.5/6.5/7.5/8.5 MHz)  
Applications: Cardiac, Pediatric



Linear array: L743UA  
(6.0/7.0/8.0/9.0/9.0 MHz/10 MHz)



Endovaginal: E613UA  
(6.0/7.0/8.0/9.0/9.0 MHz/10 MHz); Applications: Urology

3111 N. University Drive, Suite 625  
Coral Springs, Florida 33065.  
Telephone: 954-757-1250  
Email: info@accessiblemediequip.com

www.accessiblemediequip.com

Accessible MediEquip (USA)