



AV-60

Digital Ultrasonic Diagnostic Imaging System

AV-60

Digital Ultrasonic Diagnostic Imaging System

The AV-60 is an impressive new compact ultrasound system, providing superb value and quality across the entire range of applications. The addition of PW Doppler increases diagnostic information content.



Abdominal



Obstetrics



Cardiac



Small Parts



Urology



Pediatrics



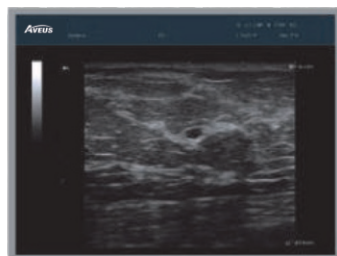
Gynecology



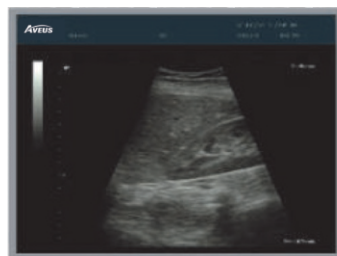
Peripheral Vascular



36 Week Placenta/Cord



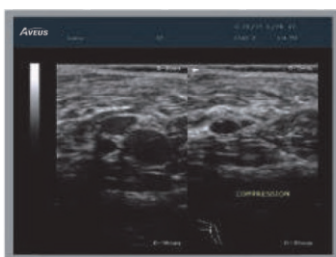
Breast Cyst



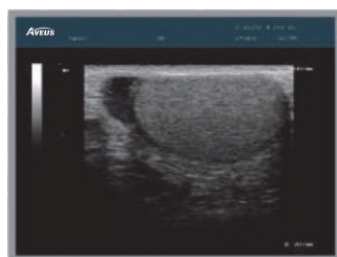
Liver/Kidney



Ovary



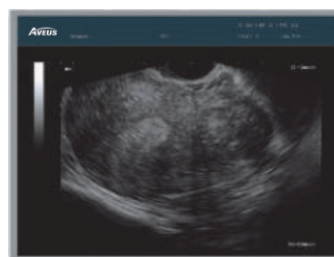
Popliteal Vein/Artery



Testicle



Transverse Pancreas



EV - Uterine Fibroid



Powerful technologies to increase your diagnostic confidence

- Phase Inversion Harmonic Imaging technology provides best-in-class image quality
- PW Doppler supplies physiologic information for increased diagnostic value
- Five-frequency transducers increases versatility



Go anywhere you need to go

- Compact & lightweight design for excellent mobility
- Built-in battery provides up to 2 hours of point-of-care imaging
- Large capacity data storage



Intuitive user-friendly design

- One touch image optimization via smart IP key
- Backlit, easy-to-use control panel
- User-defined keys to customize your work-flow



Practical tools enhance efficiency

- Intelligent 8-segment TGC for precise adjustment
- Multi-format data transfer via USB and DICOM
- Multiple-pseudo-color options enhance image presentation



Convex array:
C361-2



Endovaginal:
E611-2



Micro-convex array:
C611-2



Linear array:
L743-2



Endorectal:
E741-2



Linear array:
L761-2



General:

Imaging mode:	B, 2B, 4B, B+M, and PW
Gray scales:	256
Display:	12.1" TFT-LCD
Transducer frequency:	2.0-10.0 MHz
Transducer connector:	2 standard
Beam-forming:	Phase Inversion Harmonic Imaging Multi-Beam Technology Synthetic Receiving Aperture Dynamic Receiving Focusing Real-time Dynamic Aperture Dynamic Frequency Scanning Dynamic Apodization
Scanning angle:	Up to 152 degrees (transducer dependent)
Scanning depth (mm):	From 19 to 324 (transducer dependent)
Applications:	Abdomen, obstetrics, gynecology, small parts, musculoskeletal, cardiology peripheral vascular, urology

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 freeze	
Storage media:	Built-in Flash, Internal large capacity data storage
Built-in image archive:	504MB built-in image storage
Body mark:	>130 types
Transducer auto-detection	

Others:

Peripheral ports:	S-video output: 1
	Video output: 1
	VGA output port: 1
	USB port: 2
	Ethernet port: 1
	Remote control: 1
	Footswitch port: 1

Power supply:	100V-240V~50Hz/60Hz
Lithium battery:	Continuous operation for up to 2 hours
Dimensions:	330mm(13.0") (L) X 220mm(8.7") (W) X 320mm (12.6") (H)
Net weight:	7.1kg (15.7 lb)

Imaging Processing:

Pre-processing:	Dynamic Range Frame Persist Gain 8-segment TGC adjustment IP (Image Process)
Post-processing:	Gray map Speckle Reduction Technology Pseudo-color Gray Auto Control Black / white invert Left / right invert Up / down invert Image rotation at 90° interval

Measurement & Calculation:

B-mode:	Distance, circumference, area, volume, ratio, %stenosis, histogram, and angle
M-mode:	Distance, time, slope, and heart rate
Doppler:	Time, heart rate, velocity, acceleration, trace, and RI
Software packages:	General, obstetric, gynecology, small parts, orthopedics, cardiology, peripheral vascular, and urology

Display:

Date, Time, Probe Frequency, Frame Rate, Patient Name,
Patient ID, Hospital Name, Depth, Frame Rate, Exam Type,
Measurement Values, Body Marks, Annotation, Probe Position

Standard Configurations:

AV-60 main unit
12.1" TFT-LCD monitor

Two transducer connectors
Pulsed wave Doppler
Multiple-pseudo-color imaging
256 frames cine loop memory
504MB built-in image storage
Two USB ports
Measurement & calculation software packages
Convex array transducer:
C361-2 (2.5/3.5/4.5/H2.5/H2.7MHz)

Options:

Micro-convex array transducer:
C611-2 (5.5/6.5/7.5/H4.5/H4.7MHz)
Linear array transducer:
L761-2 (6.5/7.5/8.5/H4.5/H4.7MHz)
Linear array transducer:
L743-2 (6.5/7.5/8.5/H4.5/H4.7MHz)
Endovaginal transducer:
E611-2 (5.5/6.5/7.5/H4.5/H4.7MHz)
Endorectal transducer:
E741-2 (6.5/7.5/8.5/H4.5/H4.7MHz)
Needle-guide brackets for transducers
Large capacity data storage
Video printer
Laser printer
Inkjet printer
Footswitch
Li-ion battery
Mobile trolley
Hand-carry bag
DICOM 3.0
UMS100 workstation software



AV-60

Digital Ultrasonic Diagnostic
Imaging System

AVEUS

AVEUS INSTRUMENTS Sp. z o.o.

17/19/133 Domaniewska Street,
02-672 Warsaw - Poland

ul. Domaniewska 17/19 lok.
133 02-672 Warszawa - Poland

info@aveusinstruments.com.pl
www.aveusinstruments.com.pl