

U60

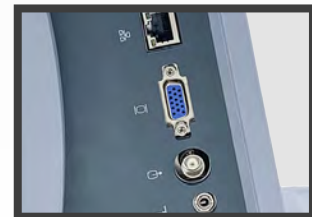
Color Ultrasound



Dual Transducer Ports Allows 2 Transducers to Connect Simultaneously



Intuitive Control Panel for Easy Operation



Multiple Peripheral Ports Enable Easy Connectivity & Image Archiving

With its compact design, user-friendly operation and advanced imaging technologies, the U60 diagnostic ultrasound system offers a broad range of clinical applications to address all of your imaging needs.

Features:

- High-resolution 15" monitor for easy viewing
- Battery operation of up to 60 minutes provides uninterrupted workflow
- Flexible image archiving solutions including storage to USB and DICOM
- Spatial Compounding Technology which utilizes multiple lines of sight to improve contrast resolution



Imaging Modes: B mode, M mode, Color Doppler, PDI/DPDI, PW Doppler, CW Doppler, HPRF (High Pulse Repetition Frequency)

Applications: Abdomen, Gynecology, Obstetrics, Cardiology, Small Parts, Urology, Vascular, Pediatric, Musculoskeletal



U60 Probe Selection



C5-2B

APPLICATION: Abdomen, OB, Gynecology, Urology

TRANSDUCER: Convex

BANDWIDTH (MHz): 1.5-6.5 (-20dB), 2-6 MHz (-6dB)



C352UB

APPLICATION: Abdomen, OB, Gynecology, Urology

TRANSDUCER: Convex

BANDWIDTH (MHz): 1.5-6.5 (-20dB), 2-6 (-6dB)



L742UB

APPLICATION: Small Parts, Musculoskeletal, Vascular

TRANSDUCER: Linear

BANDWIDTH (MHz): 3-12 (-20dB), 5-10 (-6dB)



L1042UB

APPLICATION: Small Parts, Musculoskeletal, Vascular

TRANSDUCER: Linear

BANDWIDTH (MHz): 4-15.5 (-20dB), 8-12 (-6dB)



L552UB

APPLICATION: Musculoskeletal, Vascular

TRANSDUCER: Linear

BANDWIDTH (MHz): 2.5-8.5 (-20dB), 3.7-7.6 (-6dB)



L15-7B

APPLICATION: Small Parts, Musculoskeletal, Vascular

TRANSDUCER: Linear

BANDWIDTH (MHz): 5-18.5 (-20dB), 7-16 (-6dB)



C612UB

APPLICATION: Pediatric, Pediatric Cardiac

TRANSDUCER: Micro-Convex

BANDWIDTH (MHz): 3.5-12 (-20dB), 4.7-9.5 (-6dB)



C6152UB

APPLICATION: Pediatric, Pediatric Cardiac

TRANSDUCER: Micro-Convex

BANDWIDTH (MHz): 3-10 (-20dB), 4.3-9.3 (-6dB)



C422UB

APPLICATION: Abdomen, Cardiac, Pediatric

TRANSDUCER: Micro-Convex

BANDWIDTH (MHz): 2-7 (-20dB), 2.6-5.5 (-6dB)



P5-1B

APPLICATION: Adult Cardiac

TRANSDUCER: Phased

BANDWIDTH (MHz): 1-5 (-20dB), 1.8-4.3 (-6dB)



P5-1B

APPLICATION: Adult Cardiac

TRANSDUCER: Phased

BANDWIDTH (MHz): 1-5 (-20dB), 1.8-4.3 (-6dB)



E612UB

APPLICATION: OB, Gynecology, Urology

TRANSDUCER: Endocavity

BANDWIDTH (MHz): 3-12 (-20dB), 5-8 (-6dB)

Included Accessories

- Rechargeable Lithium-Ion Battery (14.8V, 5000mAh) — **01.21.064143**
- Power Cord (USA Standard) — **01.13.037122**
- Flash Disk (Netac, 4G, USB2.0 Protocol)
- Potential Equalization Conductor
- Carrying Case
- Ultrasound Gel (250g)

Optional Accessories

- MT-805 Luxury Mobile Trolley — **MT-805.U60**
- SONY UP-X898MD, S-Video/USB interface. Black and white video graphic printer — **UP-X898MD**
- Sony UP-25MD, USB interface. Color and video printer — **UP-D25MD**

Specifications

PHYSICAL SPECIFICATION

Dimension:
35 cm×37 cm×22 cm
Weight: < 8.5 kg
(Without probe and battery)

DISPLAY

15 TFT LCD monitor
Resolution: 1024 x 768
Imaging field size : 640*512
Video out size: 800 * 600
Capture size:
BMP, JPG, AVI, DCM 1024 *
768; FRM, CIN 640 * 512
View angle:
Up 85 °
Down 85 °
Left 85 °
Right 85 °

BATTERY

Rechargeable lithium ion battery
Capacity: 5000mAh
Battery Life: 80 minutes
Max charging time: 8 hours

ELECTRICAL POWER

Voltage: 110V 240VAC
Frequency: 50/60 Hz
Power: 97.4w

IMAGING STORAGE

500GB hard drive
Storage:
≤ 227,555 static images
as BMP format (hard drive)
Maximum Clip:
B mode: 1227
Color mode: 409
M mode: 90
PW/CW Doppler mode: 15

IMAGING PARAMETERS

B-mode

Image Type :
Detail/Soft/HContrast/
Penetration)
Zoom:
7 levels, x1.44, 96, x2.56,
x4.0, x5.76, x9.0, x16.0
(available on live state); 7
levels: x1.31, x1.78, x2.56, x4.0,
x7.11, x10.24, x16.0 (available
on freeze state)
Depth: 1.9 3 2 4 cm
Frequency:
2.0 15.0MHz
eSRI: 0 8
Rejection: 0-7
Scan Angle : 0-3
Gain: 0-13 0dB, 2 dB/step
TGC: 8 segments

Dynamic Range:
30-150 dB
4 dB/step
Scan Mode: Hiden/HiFR
Max Frame rate : 244 f/s
Map : 0-14
Frame Persist: 0-7
Focus Position: 0-15
Focus Number: 1-4
Pseudo color : 6 types
H Reverse: On/Off
V Reverse: On/Off
90 rotation: 0/1/2/3
B/W Invert: On/Off
Spatial compounding:
On/Off (max 3 angles)
Display format:
single(B),dual(B+B)
Quad 4B: (B, 2B, 4B)
Center Line: On/Off

M-mode

Sweep speed: 0-3
Line Average : 0-7
Gray Map : 0-14
Pseudo Color : 6 types
Gain: 0 13 0dB, 2 dB/step
Frequency : 2.0 15.0MHz
(3 fundamental and 2
harmonic frequencies)
Dynamic range:
30-150 dB
step 4 dB/step
B/M Display : U/D, L/R

Color Doppler

Flow Type : H Flow/M Flow/L Flow
Dual live B/B+C
ROI size/ position: adjustable
ROI Color: Green, Yellow
Frequency: 2.5-8.0 MHz
Gain:

1-80dB
1dB/step
Max Frame Rate : 38 f/s
Persist: 0-7
Smooth filter : 0-7
Wall filter: 0-7
Map: 0-7
Angle Steer: 0°, ± 10°
PRF: 16 levels 0.5-11 kHz
Scale: 9-175 cm/s
Baseline: 0-6
Threshold: 0-15
Invert: on/off
Packet Size: 4 levels
Flow Type : H Flow/M Flow/L Flow
Dual Live: B/B+PDI
Directional Power Doppler
Imaging(DPDI)
ROI size/ position: Adjustable

ROI Color: Green, Yellow
Frequency: 2.5-8.0 MHz
Gain: 1-80dB, 1dB/step
Max Framerrate : 38 f/s
Persist: 0-7
S smooth filter : 0-7
Wall filter: 0-7
Map: 0-7
Angle Steer: 0°, ± 10°
Baseline: 0-6
Threshold: 0-15
Invert: on/off (available on DPDI)
Packet Size: 4 levels

Pulsed Wave Doppler

Flow Type : H Flow/M Flow/L Flow
HPRF : On/Off
Duplex and Triplex displays
Frequency: 2.5-8.0 MHz
PRF: 16 levels 1-15 kHz
Gain: 1-80dB, 1dB/step
Dynamic range: 30-90 dB, 2 dB/step
Wall Filter: 0-3
Sweep Speed:
0(10.3 s), 1(7.95 s),
2(5.19 s), 3(3.97 s),
4(2.75 s), 5(1.53 s)

Baseline: 0-6
Correct Angle: -79°, 1° /step
Quick Angle:
-79°/-60°/-30°/0°/30°/60°/79°
Steer: 0°, ± 10°
Invert : On/Off
Volume: 0-7
Pseudo Color : 6 types
Sample Volume :
16 levels, 0.5-20 mm

Continuous Wave Doppler

- Flow Type : H Flow/M Flow/L Flow
- Frequency: 2.0 MHz
- PRF: 0-32, 0.8 \-80KHz
Gain: 1-80dB, 1dB/step
Dynamic range: 30-90 dB, 2 dB/step
Wall Filter: 0-3
Sweep Speed:
0(10.3 s), 1(7.95 s),
2(5.19 s), 3(3.97 s),
4(2.75 s), 5(1.53 s)
Baseline: 0-6
Correct Angle: -79°, 1° /step
Quick Angle:
-79°/-60°/-30°/0°/30°/60°/79°
Invert : On/Off
Volume: 0-7
Pseudo Color : 6 types