

Hewlett Packard Sonos 5500

The Hewlett Packard Sonos 5500 is the ultimate phased array ultrasound capable of 2-D, M-Mode, Colorflow and steerable pulsed wave and Continuous wave Doppler studies. Using Hewlett-Packard's exclusive **Fusion** and **Harmonic Fusion** imaging technologies, the Sonos 5500 provides its user with the very finest in Cardio/Vascular ultrasound imaging.



Technical Specifications

Applications

- Cardiac
- Vascular
- Venous (Lower Extremity)
- Arterial
- Pediatric Cardiac
- Abdominal
- TEE
- Stress Echo
- Small Parts
- Trans Cranial Doppler
- Pelvis
- OB
- Endovaginal

Standard Options

- High Frame Rate Scanning (Up to 300 Hz)
- High Definition Color Flow
- Lateral Gain Control

Intelligent Acoustic Quantification

HP Fusion Imaging

Acoustic CINE

Acoustic Zoom

- Dynamic Elevating Beamformer
- Curved Linear support for abdominal studies
- Continuous Loop Review
- HP Colorization
- Cardiac Analysis
- Vascular Analysis
- ECG/AUX
- Built-In SVHS VCR

System Dimensions

- 40.5" Deep
- 24.9" Wide
- 59.5" Height
- 470 Lbs. (214 Kg)

Additional Features

- 15" High Resolution Monitor
- Dual quick touch Plasma screen user interface
- Backlit control panel
- Full range of printer options

Imaging Modes

- 2-D
- M-Mode
- Color Flow
- CW Doppler
- PW Doppler
- Tissue Doppler

Color Kinesis

Acoustic Quantification

Extended Options

Extended Frequency Linear Support (up to 15 MHz)

HP Harmonic Fusion Imaging

- Digital Storage and retrieval
- 3-D Acquisition
- 3-D Acquisition with TEE
- En Concert or other Dicom server
- Extended Physio Module

INTEGRATED DYNAMIC STRESS ECHO

- Curved Linear support for abdominal studies

Available Transducers

- 1.9 MHz Non-imaging CW
- 1.9 MHz Non Imaging PW (TCD)
- 5.0 MHz PW/CW Non-Imaging
- 10.0 MHz CW Doppler Non-Imaging
- S4 **Ultraband** 2.0 thru 4.0 MHz Adult Cardiac
- S8 **Ultraband** 3.0 thru 8.0 MHz Adult/Pediatric Cardiac
- S12 **Ultraband** 5.0 thru 12.0 MHz Pediatric, Neonatal Cardiac
- 4.5/3.5 MHz Venous Linear
- 7.5/5.5 MHz Vascular / Small Parts Linear
- 3.0 thru 11.0 Mhz **Ultraband** Linear Transducer
- 7.0 thru 15.0 Mhz **Ultraband** Linear Transducer (Needs extended freq. Pack)
- 5.0/3.7 MHz Omni-Plane TEE
- 6.2/5.0 MHz Omni-Plane II TEE
- 4.0 thru 7.0 Mhz **Ultraband** Omni-Plane II TEE
- 3.0 thru 7.0 MHz Curved Linear Abdominal
- 2.0 thru 6.0 MHz Curved Linear Abdominal
- 4.0 thru 7.0 MHz Curved Linear Transvaginal
- MANY 2000/2500 Transducers SUPPORTED with optional attachment**