



The **Philips ClearVue 550** is a compact Ultrasound known for its dependability. The ClearVue 550 is the Midrange Ultrasound in the ClearVue series. With features like SonoCT and XRES technologies to enhance the quality of the Ultrasonic images. The System can cross multiple ultrasonic applications from; abdominal, small parts, pediatrics, musculoskeletal, urology, Obstetrics, Gynecology, vascular, and cardiac. The Philips Ultrasound can provide 2D, 3D, and 4D imaging options. Additional features include Blood flow and stress imaging. The Philips ClearVue is an energy-efficient ultrasound with low power consumption. The ClearVue ultrasound system has a 19-inch high-resolution monitor on an articulating arm and four transducer/ probe ports.

Features

- Tilt-and-Swivel 19" High Resolution LCD
- SonoCT Compound Imaging
- Panoramic
- 4 transducer ports
- Simplified Interface
- Lightweight transducers
- Tissue Harmonics
- 2D, M-Mode, Anatomical M-Mode
- Trapezoidal Imaging
- PW/Color/Power Angio Doppler
- HPRF PW Doppler
- 3 USB Ports
- internal Hard Drive
- CW Doppler Option
- Duplex, Triplex
- HD Zoom
- XRES eXtreme Resolution speckle reduction imaging
- Cineloop review of ultrasound images
- Integrated multi-session CD/DVD Drive
- DICOM
- Ethernet port



Specifications

System Overview

Height: (adjustable, maximum) 1160 mm (45.7 in)
 Width: 520 mm (20.5 in)
 Depth: 584 mm (23.0 in)
 Control panel height: (non-adjustable) 837 mm (33.0 in)
 Weight: (with printer) 52 kg (115 lbs.), approx. 200 lbs. with packaging

General Specifications

All-digital broadband beamformer
 65,536 digitally-processed channels
 Depth to 30 cm (exam and transducer specific)
 Up to 272 dB Dynamic Range

Power

Voltage: 100 to 240 VAC
 Frequency: 50 to 60 Hz
 Power: 450VA
 Power consumed: 300VA
 Heat dissipation: <700 BTUs/hour (fully loaded)

System Overview

Monitor (inch): 17" LCD
 Tilt/Rotate Adjustable Monitor: Yes
 Monitor Resolution: 1280*1024
 Touch Screen (Inch): No
 Trackball or Trackpad: Trackball
 CP Back-Lighting: Yes
 Weight: 115 lbs (52kg)
 Probe Ports: 4
 Battery: No
 Sleep Mode (Quick Start): No
 Maximum Depth of Field: 30cm
 Minimum Depth of Field
 Cart (HCU): No
 Independent Steer & Lockable Wheels: Yes

Imaging Modes

2D, M mode: Yes
 M-color Flow Mode: Yes
 Anatomical M-mode: Yes
 Trapezoidal Mode: Yes
 Color, Power Angio, Pulse Wave Doppler: Yes
 Bi-directional Power (=HD FLOW): Yes
 SCW Doppler: Yes
 Tissue Doppler(Velocity) Imaging: Yes
 Freehand 3D: Yes
 Live 3/4D OB/GYN: Yes



Specifications Continued

Imaging Modes (continued)

HD Live: No
 STIC (Spatio-Temporal Image Correlation): Yes
 Live 3D Echo: No
 Stress Echo: No
 Strain and Strain Rate (Cardiac): No
 B Flow: Yes
 Panoramic Imaging (=Logiq view): Yes
 Contrast Imaging - Cardiac: No
 Contrast Imaging - General Imaging: No
 Strain-based Elastography: Yes
 Shear Wave Elastography No

Connectivity

DICOM 3.0: Yes
 DICOM SR_Cardiac: Yes
 DICOM SR_Vascular: Yes
 DICOM SR_OB/GYN: Yes
 JPEG, WMV, & AVI: Yes
 USB: Yes(3)
 HDD/SDD: 500GB
 DVD/CD RW: Yes
 Wireless LAN: No

