



The **Philips Epiq CVx** is a cardiac ultrasound system. The Philips CVx is built on the same platform as the other Epiq ultrasounds, the Epiq 5 and the Epiq 7 . The difference between the previous version of the Epiq and the CVx is the OLED display that can provide clearer imaging. The ultrasound system also features a faster processor and a touch screen user interface. The CVx ultrasound can produce diagnostic images for cardiac, abdominal, musculoskeletal, urology, transvaginal, and small organs. The Epiq Ultrasound system offers technologies that can reduce noise in the images to improve the quality and detail of the image. Adjustments to light and shadow can be made while viewing 3D and 4D images. The CVX includes the Philips TrueVue 3d Ultrasonic imaging, which can render a 3D anatomical structure of a fetus or organ.

Features

- 21-inch OLED display with the ability to rotate 180 degrees
- 4 probe connectors and holding ports
- Wireless DICOM Connectivity
- Photorelistic imaging with adjustable light source
- Auto Doppler reduces time spent on color box positioning and sample volume placement.
- Fingertip control touchscreen user-interface. Allows users to pinch, zoom, and rotate 3D data set.



Specifications

Dimensions

Height: 57.5 - 67.5" (146 - 171.5 cm)

Width: 23.8" (60.6 cm)

Depth: 43" (109.2 cm)

Weight: 229.9 lbs (104.3 kg)

Imaging Modes

2D mode, M mode, Color Doppler, Color Power Angio (CPA), Spectral Doppler, Auto Color and Auto Doppler, Tissue Doppler Imaging, Contrast Imaging, Duplex mode (Simultaneous 2D and Doppler), Triplex mode (Simultaneous 2D, Doppler and Color or CPA)

Supported Transducer Types

Convex Array, Phased Array, Linear Array 2D, Linear Array 4D, Micro Convex Array, Intraoperative Array, Pedoff (non-imaging), TEE Probe (Live 3D), TEE Probe (2D)

Clinical Applications

Echocardiography (adult, pediatric, fetal), Vascular (peripheral, cerebrovascular, temporal TCD), Transesophageal Echocardiography (adult, pediatric), Stress Echocardiography, Epicardial Echocardiography

Displays

Monitor

Main Unit with 21'5 inch wide format high definition
Extended viewing angle >178° (horizontal and vertical)
Response time <14 ms
Virtually flicker-free technology that reduces eyestrain
Mounted on fully articulating extension arm
High contrast ratio >1000:1

Control Panel

Full-color 12-inch capacitive touch screen
Complete with swipe, zoom, pan and rotate technologies

Console Design

Hard Drive 1TB plus 240 GB SSD
8 slide pot control adjustment of TGC curve
On-board control panel touch screen
Unique easy-clip cable management solution
Up and down 8 in/20.3 cm
Rotates 180o from center

Standard Features

XRES, SonoCT, THI (Tissue Harmonic Imaging), Cine, Live Compare, Tissue Aberration Correction (TAC), HighQ (automatic Doppler Analysis), iSCAN intelligent scanning, AutoSCAN (real time frame by frame TGC optimization), iOPTIMIZE intelligent optimization, Auto flow tracking

