

The Philips CX50 is a portable cardiac ultrasound system. The small, lightweight CX50 can additionally provide imaging for applications such as obstetrics, gynecology, intraoperative, Musculoskeletal, small parts, stress echo, and transcranial. Providing 2D and 3d imaging. The system supports both PureWave single crystal and xMatrix transducers. The Philips ultrasound comes with a 15-inch high-resolution monitor and one transducer port. The ultrasound system features include; Iscan, AutoSCAN, SoonoCT, and XRES. Reducing speckle, clutter, or haziness in the images, resulting in exceptional image quality.

## **Features**

- Wireless & wired DICOM for connectivity in any environment.
- SmartExam reduced exam time by up to 50%.
- Combines the broadband capabilities of a digital beamformer with the broadband signals produced by PureWave transducers.
- Advanced XRES adaptive image processing.
- High resolution monitor for excellent viewing in the most difficult portable environments.



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## Specifications

**Dimensions** Height: 3.4 In (86 cm)

Width: 16.25 In (413 cm)

Depth: 14 In (356 cm)

Weight: 16.2 lbs. (7.3 kg)

Power Voltage: 100-240V

**Frequency:** 50/60 Hz **Amperage:** 2.65A MAX

Heat dissipation: 700-1100 BTU/hour (fully loaded)

**Operation range:** 10°C – 40°C operating in 15-95% relative humidity

**General** Next-generation all-digital compact broadband beamformer with pulse

shaping capability

Up to 504,576 digitally-processed channels

Image presentation: Depth from 1 cm to 30 cm (transducer dependent)

Up to 170 dB full time system dynamic range



