



The **Philips Affiniti 50** is an ultrasound system that can delivery exceptional image quality. The Affiniti 50 has the same features as the Affiniti 70 and many of the features from the Epiq series of Philips Ultrasounds. The only difference between the two is that the Affiniti 50 does not have a Single Crystal probe or offer Shearwave elastography. The Philips Ultrasound offers ultrasonic imaging for abdominal, vascular, MSK, Urology, Cardiology, Interventional, Small parts, Breast, Obstetrics, Gynecology, and Pediatrics. The System can Provide exceptional 3D imaging and has advanced tools like TruVue that allow the light and shadow in the images to be adjusted to help render detailed 3D imaging. The ultrasound comes with a 21-inch monitor, a 12-inch touch screen display, and four active transducer ports. It is comparable with over ten different transducers and probes.

## Features

- SonoCT Compound Imaging
- XRES Speckle Reduction Imaging
- AutoSCAN
- AutoDoppler
- Contrast-Enhanced Ultrasound
- AIUS Anatomical Intelligence Ultrasound
- Stress Echo
- Elastography
- Pediatric Cardiology
- Sleep Mode for easy transport from room-to-room
- 4 transducer ports
- Automated IMT Calcs
- Automated 2D Cardiac Quantification
- Automated Cardiac Motion Quantification
- 4D obstetric “babyface” imaging



# Specifications

## Dimensions

Height: Maximum: 64 in (1626 mm)  
Height: Minimum 56 in (1422 mm)  
Width: 22.5 in (572 mm)  
Depth: 38.7 in (983 mm)  
Weight: 184.4 lbs (83.6 kg)

## Control Panel

Monitor Size: 21.5 In (54.6 cm)  
Degrees of Movement: 180°  
Height Adjustment: 8 In (20.3 cm)

## Electrical

Nominal input voltage: 100-240 VAC, frequency 50/60 Hz  
Power consumption maximum: 289 VA depending on system configuration

## General

Video and Output Options: HDMI, Ethernet, USB, Wireless, Audio, Composite Video  
Monitor resolution: 1920 x 1080  
Export Options: DICOM, USB, JPG, AVI  
DICOM Options: Store, Print, MPPS, Query/Retrieve, Structured Reports, Worklist  
Harddrive: 512 gb  
Max Cine Memory: 2,200 Frames  
Maximum Depth: 30  
Max Frame Rate (FPS): 1400

