



The **IE33 Philips** is a cardiovascular ultrasound system. The Philips iE33 System offers 3D, 4D imaging with PureWave xMatrix technology. The technology offers both improved performance of the ultrasound system. This produces exceptional image quality and detailed resolution. It can produce up to 500 frames per second and reduce noise to produce and define the details in the ultrasound imagery. The Philips ultrasound takes four images simultaneously to create a real-time 4D image. The ultrasound system can automatically adjust multiple parameters with a touch of a button. The iE 33 ultrasound system offers additional images mode such as Color Doppler, M-Mode imaging, and quantitative stress echo.

Features

- Live 3D
- xMATRIX cardiac transducer with 3000 elements
- Automated Stress Echo
- Premium Image Quality
- Full Doppler functions
- Live 3D TEE
- 20-inch high resolution articulating flat panel display
- Fully articulating control panel
- Live Xplane multiplane imaging
- SonoCT Compound Imaging
- Tissue Harmonics and Tissue Harmonic SonoCT
- XRES
- iSCAN one-touch optimization
- iFOCUS one-button focal zone optimization
- iOPTIMIZE one-button optimization multifunction



Specifications

Dimensions

Height: 55 - 64 in (139.7 - 163.6 cm)

Width: 22 in (55.9 cm)

Depth: 43 in (109.2 cm)

Weight: 345 lbs

User Interface

Monitor size 20" VCD flat panel

Moveable Console Variable

Adjustable Monitor variable

Up to 500 fps 2D Frame Rate (probe dependent)

Up to 250 fps Color Frame Rates (probe dependent) Pre-processing

Post-Processing

2 - 30 cm Display Depth (min/max - probe dependent)

Selectable Dynamic Range

Adjustable Transmit Focus

>100 Customizable Presets

3 Transducer Ports

Imaging Modes

2D

M-Mode

Doppler Modes

High Frame rate Color Flow

Color Doppler Velocity

Color Flow Mapping

Color Doppler Energy

Color Power Doppler

Directional Color Power Doppler

Directional Tissue Imaging (DTI)

Pulse Wave (PW) YES

Continuous Wave (CW)

