



The **Philips IU22** is a full-size ultrasound that can provide imaging for; Abdominal, Gynecology, Obstetrics, Cardiac, Radiology, Pediatrics, and Musculoskeletal. The Philips IU22 is identical to the Philips IE33, the difference between them is that the IE33 system specializes in Cardio-Vascular ultrasounds imagery. The IU22 offers advanced imaging technology and can provide 2D, 3D, and 4D imaging. Along with tissue harmonic, iScan, and Contrast Specific imaging modes. The ultrasound works with a range of transducers and probes, including the PureWave Transducers. This offers a higher quality image and can be instrumental in working with difficult-to-image patients. The Philips system comes with a 21-inch LCD monitor, an 8.4-inch touch screen control panel, four transducer ports, and four USB connections. With DICOM and Ethernet connections for transferring data.

Features

- Tissue Harmonic Imaging with Pulse Inversion technology
- Harmonic SonoCT imaging
- XRES adaptive image processing technology
- iSCAN intelligent scanning for one-button TGC, gain and compression map optimization
- iSCAN with AGC for real-time line-by-line TGC optimization
- Simultaneous 2D M-mode
- Broadband Flow imaging
- CPA
- 2D/PW Doppler
- CW/PW
- Contrast Specific Imaging (CSI)
- Panoramic imaging with SonoCT, XRES and harmonic modes
- Freehand 3D and MPR imaging with SonoCT, XRES and harmonic modes
- Automated 3D and 4D imaging with SonoCT, XRES and harmonic modes
- Chroma imaging in 2D, 3D, 4D, MPR, Panoramic, M-mode and Doppler modes



Specifications

Dimensions

Height: 51 - 58 in (129.5 - 147.3 cm)

Width: 21 in (53.3 cm)

Weight: 220 lbs

User Interface

monitor Size 20" LCD Flat panel

Moveable Console Variable

Adjustable monitor Variable

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

Pre-Processing

Post-Processing

Selectable Dynamic Range

Adjustable Transmit Focus

>100 multiple applications 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

Continous Wave (CW)