



ClearProbe™ Ultrasound



A. General Purpose Abdominal Probe
AB 3.5 MHz and AB 5.0 MHz



B. Endocavity Probe
EB 7.5 MHz



C. Vascular Access Probe
7.5/24 MHz



D. Ophthalmology Probe
Op 12 MHz

Simplicity

With a selection of imaging probes and intuitive software, the ClearProbe system turns every computer in your facility into an ultrasound imaging system.

- Affordable, portable and easy to use. At a fraction of the cost of other portable ultrasound devices.
- Easy “quick look” without tying up other systems.
- Plugs into the USB port of your PC.

Probes for Every Application

The ClearProbe offers surface and endocavity scanners to suit uses in a wide variety of medical fields, including family practice, OB/GYN, urology, internal medicine, emergency medicine, anesthesiology, pain medicine, podiatry, cath labs and ophthalmology.

- General Purpose Abdominal Probe – abdomen (abdominal aorta, liver, kidney, gall bladder), uterus, bladder, FAST exam.
- Endocavity Probe – transrectal-prostate, transvaginal-uterus, adnexa.
- Vascular Access Probe – vascular access (PICC lines), nerve blocks, foreign bodies, small parts, MSK.
- Ophthalmology Probe – eye, retina.

Interactive Software Interface

Included with the ClearProbe is intuitive software that requires minimum input from the user to produce a desirable image. Software functions include:

- User can do measurements, add arrows and annotate to record distance and area.
- Calculations (optional) for OV, bladder volume and prostate volume.
- Freeze image with button on probe, space bar or on-screen button.
- Ability to zoom into selected objects.
- AutoScan with customizable presets or Manual Scan for DGC, power settings.
- User-selectable depth, frequency.
- Frame rate is 10 – 20 FPS, depth dependent.
- Image store and review (backscatter images and/or JPEG).
- Optional interface to EMR/PACS.
- Cine Loop.
- Image averaging, interpolation.
- 256 shades of gray.

Works with your PC or Mac and on most popular video codecs including:



Software & System

USB Cable

Probes come with a 2m cable; 5m cable optional

Minimum System Requirements

Computer Operating System
Processor
Memory
Port
Minimum Display
Screen Size Resolution

Windows 7, Windows XP, Vista or Mac (running Windows)
1 GHz Minimum
512 K (recommended 1 GB or more)
USB 2.0
1024 x 600 with 32 bit color
Multiple sizes 9" and up
Resolution – minimum 1024 x 600 pixels

Image Store
Measurement & Calculation

Raw data and JPEG, cine
Distance, area, bladder and prostate volume, annotation, OB calculations

General Purpose Abdominal Probe

AB 3.5 MHz

Center Frequency
Pulse Frequency
Scan Angle
Focal Point
Scan Depth (Max)
Clinical Applications

3.5 MHz
3.5 MHz & 5.0 MHz
90°
7.5 cm
20 cm

Abdomen (kidney, liver, gall bladder, abdominal aorta), Uterus, Bladder, FAST exam

AB 5.0 MHz

Center Frequency
Pulse Frequency
Scan Angle
Focal Point
Scan Depth (Max)
Clinical Applications

5.0 MHz
5.0 MHz & 3.5 MHz
90°
6 cm
20 cm
Pediatric & smaller patients

Endocavity Probe

EB 7.5 MHz

Center Frequency
Pulse Frequency
Scan Angle
Focal Point
Scan Depth (Max)
Clinical Applications
Notes

7.5 MHz
5.0 MHz - 12.0 MHz
90°
2.5 cm
10 cm
Transrectal (prostate), Transvaginal (uterus, adnexa)
End Fire, Optional Biopsy Guide, Prostate Volume Calculation

Vascular Access Probe

VA 7.5 MHz

Center Frequency
Pulse Frequency
Scan Angle
Focal Point
Scan Depth (Max)
Clinical Applications

7.5 MHz
7.5 MHz
60°
1.6 cm
10 cm
Vascular Access, PICC Lines, Small Parts, Nerve Blocks, Foreign Bodies

Ophthalmology Probes

OP 12 MHz

Center Frequency
Pulse Frequency
Scan Angle
Focal Point
Scan Depth (Max)
Clinical Applications

12.0 MHz
12.0 MHz & 15.0 MHz
60°
2.0 cm
6 cm
Posterior Eye, Retina

Works with your PC or Mac and on most popular video codecs including:

