



SEEKER® | by Ardent Sound

Point of Care Ultrasound for General Applications
Abdomen, OB/GYN, Small Parts

Offers affordable flexibility across a broad spectrum of clinical applications.

CHALLENGE

Comprehensive diagnostic quality ultrasound at Point of Care has, until now, been a luxury. While many clinicians would have appreciated the ability to do comprehensive imaging and analysis in their offices, such capabilities were completely out of reach and impractical for front-line physicians. Requiring inordinate amounts of space, expertise, and money, the cost-benefit ratio could never be balanced. But now it can.

SOLUTION

Seeker® by Ardent Sound represents a critical advancement in imaging technology. Designed as a powerful yet easy to use peripheral interface to a standard PC (via standard USB), Seeker breaks down the barriers preventing Point of Care practices from utilizing high-end ultrasound. Seeker is the workhorse of the Ardent Sound product line. Seeker offers a variety of arrays for application-specific diagnostics. Offering sensitivity and resolution comparable to that found on the most advanced dedicated units, Seeker delivers unparalleled value in a mobile form-factor. Easy to connect, install, and use, Seeker gets beyond simple yes/no triage imaging and helps doctors gain visibility into even the most challenging cases. All at a price point less than what you would ever expect.





WE CALL IT "PLUG AND KNOW"

- 1 Simply attach the pocket-sized portable Interface to your computer via a Standard USB (Universal Serial Bus) cable
- 2 Automatically install the software Suite from a CD-ROM
- 3 Immediately gain deeper insights into your patients' condition to improve and accelerate your decision making and/or treatment at the Point of Care



Wide interoperability via USB 2.0

Features & Benefits

Excellent Image Quality

- Superb Detail and Contrast Resolution
- Wide Bandwidth Architecture
- ArdentView Image Filters
- Capable of imaging from 3.0MHz - 14MHz (transducer dependent)
- High Frame Rate: up to 139fps

Research

- Human: 4 Channel RF Out Capabilities
- Animal: 4 Channel RF Out Capabilities

Clinical Utility

General Applications

- 4.0 MHz CLA
- 6.5 MHz Endocavity CLA
- 12.0 MHz Linear Array

Technical Specification

Physical Characteristics

- Height: 10.75 in (273mm)
- Width: 4.75 in (121mm)
- Length: 19.00 in (483mm)
- Weight: 22 lbs (10kg)

Transducer Options

- 3.0 - 5.5MHz Convex Linear
- 5.0 - 8.0MHz Convex Endo
- 9.0 - 14.0MHz Linear Array
- 14.0 - 21.0MHz Linear Array

Imaging Modes

- B-Mode
- B-M Mode
- M Mode
- Zoom (Pan)

Measurement Tools

- Distance
- Circumference
- Area
- Volume
- Beats/Minute (m-mode)

Image Storage & Cine

- Dicom Compatible
 - Stores Images and Cine as Raw Data
 - Export Images as bmp or jpg
 - Export Cine as AVI
- Back-up Database to internal or external Hard Drive, CD, DVD or Network

Power: 100-240 VAC
50-60Hz input

Minimum Computer Requirements

Windows XP OS: USB 2.0 Port, 256MB RAM, 1GB Available Hard Drive Space

Windows Vista OS: USB 2.0 Port, 500MB RAM, >1GHz Duo-Core Processor*, 1GB Available Hard Drive Space

*assumes Vista Home OS. More Advanced Versions of Vista may require a faster processor and more RAM

CONTACT INFO

To learn more go to www.ardentsound.com or call 1-480-649-1806.

Ardent Sound - The More You Know



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