



VOYAGER® | by Ardent Sound

Affordable and Powerful Point of Care Diagnostic Ultrasound



Challenge

Your Commitment is to help patients get well. First though, you have to acquire essential Information to determine your next steps. Your Utilize the best tools at your disposal, as well As your experience and education to make your diagnosis. Better tools enable more complete data points, which in turn accelerate determining the proper course of action and improving patient outcomes.

Physicians have long known the power of Ultrasound as a Diagnostic Tool. However, until now you have not been able to utilize it at the Point of Care because previous systems have been overly complex and cost prohibitive. Ardent Sound's mission is to change that paradigm and finally bring Diagnostic Ultrasound to front-line Physicians.

Solution

Voyager® by Ardent Sound represents a crucial tipping point and vital break through in Point of Care Imaging. Designed to operate at the intersection of performance, price and value, Voyager is the first Ultrasound solution to offer high quality imaging at a price point that makes it accessible to any and all front-line physicians. Highly portable and flexible. Voyager operates in unison with a standard PC or Laptop and can rapidly integrate with your Patient Information System. Rather than requiring the exorbitant expense of a proprietary piece of equipment, Voyager is a standardized peripheral device that is as easy to install as connecting to a mouse.

Voyager Applications

- Abdominal
- OB/GYN
- Breast
- Small Parts
- Vascular Imaging
- Nerve Block/Injection Localization



Technology

Ardent Sound's Voyager architecture combines a "State of the Art" mechanical sector probe technology with a PC based, software driven back-end to provide a unique Low Cost, Point of Care Solution for the Ultrasound Market

Ardent Sound: The More you Know



Technical Specifications

System Hardware

Voyager Engine

Height: 1.0 in (25mm)
Width: 3.0 in (76mm)
Depth: 5.5 in (140mm)
Weight (no probe): 0.6 lbs (272 g)
Dynamic Range: >120 dB
Warranty: 2 years

Voyager Battery

Height: 1.0 in (25mm)
Width: 3.0 in (76mm)
Depth: 5.5 in (140mm)
Weight: 0.9 lbs (393 g)
Output: 12V 0.6 A
Warranty: 2 years

Probe Hardware

4MHz: nominal 63° Field of View Weight: 0.5lbs (215 g)
10MHz: nominal 54° Field of View Weight: 0.5lbs (215 g)
Frame Rate: nominal 10 Frames per Second
Compact Lightweight probes with miniature
Cable and Quick Disconnect
Warranty: 2 years

System Software

B-Mode/Side x Side Image
Zoom/Pan
Dicom Storage
Image & Cine Storage to Hard Drive/CD/DVD
Calculations:
Distance, Circumference, Area, Volume
Ob Calcs: (Standard and User Defined)
Text, Body Markers, Presets, System Settings
AC Adapter: 100-240 VAC, 0.4A, 47-63Hz input, 12VDC, 0.8A output

PC/Laptop (Not included) Minimum Specification

Windows 2000 - XP: USB 2.0, 256K RAM, 1GB Available Hard Drive
Vista Home: USB 2.0, >1GHz Dual Core Processor, 0.5GB RAM
1GB Available Hard Drive Space

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