

Ibex™ Family System Specifications

Applications:

Bovine
Equine
Companion Animal
Exotic
Small Ruminants
Swine

Modes of Operation:

B Mode, B+M Mode, M Mode

System Dimensions:

Ibex Pro

8.9" L, 7" W, 3.2" D
Weight: 5.7 lb. (2.6 kg)

Ibex Lite

8.9" L, 7" W, 2.2" D
Weight: 3.6 lb. (1.63 kg)
System Dynamic Range: 156 db
Frame Rate 30 frames / second
256 Greyscale
16 Channel Digital Beamformer

Transducer Support:

Support for 2.0 MHz to 10 MHz 128 Element Linear/
Curved Linear Probes
Support for 3.5 MHz to 7.5 MHz Sector Probes
Probe Scan Direction- user selectable

Connectivity:

USB® 2.0 Image Storage and Recall
Wireless (802.11) Connectivity
Bluetooth®

Display:

LCD Display-640 x 480 Display Matrix (VGA)
InSite®2 video headset for image display- 640 x 480
Monocular headset available
Wireless external monitor available

Power:

Smart Li-ion battery powers unit for 4+ hours
Stand alone external battery charger available
AC Power for charging
International power adapters available

Measurement tools:

Unlimited caliper sets for distance measurement
Continuous area of circumference
Grid option for quick measurements
Trackball for measurements
Calculation tables
On-Screen text annotations and arrows
Dual image feature for side-side comparisons
Heart rate measurements
Distance and time calculations

Image Storage:

128 Frame cine loop memory
Compact flash image storage and recall
Audio tags can be stored with image
Static images can be saved from Cine Loop
Measure and recalculate off of saved images

Additional Features:

Auto-Optimize image (Auto Scan)
Zoom
Auto Gain and TGC
Multiple fields of view
Software field upgradeable
All user settings may be saved and recalled
Fiber-optic backlit keyboards
DuraScan™ technology for system durability
Ibex Pro is sealed to IP54 for weather resistance
Ibex Lite is sealed to IP56 for weather resistance
RFID Tag reader feature available

Operating Environment:

Ibex 0 ° - 40 ° C
InSite2 Headset 0 ° - 40 ° C