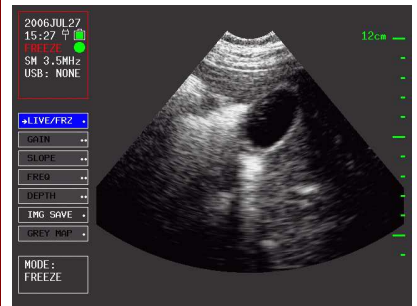|	
System	The Perception S is the next generation in portable, high performance ultrasound machines. Lightweight and powerful with exceptional image quality, the Perception S is designed around a rugged embedded computer with internal solid state storage. This along with its advanced reprogrammable FPGA design allows the Perception S to be easily field upgraded with new features helping to preserve your investment.
Scanning Method	• Mechanical multi-frequency Sector probes with reliable optical encoders • Real time image enhancement using PCScan Technology
LCD Display	• 6.4" High resolution full color TFT LCD
Image Processing	• Advanced digital image processing using MMX DSP extensions. • Frame Rate: typically 14 FPS dependent on depth
Image Control	• Freeze/Unfreeze anytime • Gain controls: master, near, slope • Frequency control: low, medium, high • Four depths • Three gray scales
Display Modes	• B mode (standard imaging) • CINE mode with continuous loop play and single frame advance
Operator Interface	• Powerful and intuitive menu system with status icons • Freeze button, four cursor buttons, select button, and power button • Preferred settings are remembered • Probe button can control any menu function
Image Save	• Hundreds of images may be saved and and reviewed on internal storage • Images may be transfered to USB thumb disk for viewing on any computer
On Screen Status	• Date and time • Scan Mode: Live or Freeze • Battery level and AC present icons • CINE status icon • Probe type and frequency • Frames per second FPS • USB storage status
Power	• Internal 27Wh battery (approximately 2 hours continuous operation) • Optional 27Wh external hot swappable battery extends run time • Standard UL and CE approved universal power supply
Connectors	• Rugged probe connector • AC and external battery power: 2.1mm DIN • USB port: PC standard type A
Dimensions	• L/W/H: 6.6 x 8.9 x 2.7 in • Weight: 2.5 lbs

TECHNICAL SPECIFICATIONS

Perception S

Next Generation Ultrasound Scanner Using PCScan™ Technology

STANDARD ACCESSORIES

• Mechanical sector probe
• Instruction Manual
• Carrying vest

OPTIONAL ACCESSORIES

• 3.5Mhz mechanical sector probe
• 5.0Mhz mechanical sector probe
• 5.0Mhz side fire probe
• External hot swap battery packs
• USB memory stick
• Storage case

Manufactured by:

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Made in the USA