

THE FIRST AI-ASSISTED HAND-HELD TOOL TO INCREASE DIAGNOSTIC CONFIDENCE AT THE BEDSIDE

Powerful Heart, Lung and Abdominal Imaging

- Optimized lung, heart and abdomen presets
- With its high-quality imaging, KOSMOS™ can be used to detect a variety of lung and cardiac conditions including bilateral lung infiltrates, subpleural consolidations, irregular and thickened pleural line, B line like artifacts and cardiac findings associated with myocardial dysfunction

Quick and Easy Cleaning

- The custom-designed display, Kosmos Bridge, has minimal surface area and a touch screen minimizing difficult to clean buttons. Moreover, the only system buttons (volume and power) are sealed in silicone rubber
- KOSMOS has no fans or knobs and requires no cart with dirt-trapping wheels making it easy to decontaminate fully in between patients, minimizing interruptions to workflow
- Specifically designed with premium materials to endure repeated process of decontamination with the increasingly harsh cleaning chemicals used in healthcare environments

Portability without Compromise

- Easily take KOSMOS with you anywhere you need to go with its light weight, hand-held design
- Powerful heart, lung and abdominal assessment capabilities provided by high resolution and high penetration imaging

Expanding AI-Driven Platform

- Innovative 3-signal fusion is just the beginning
- KOSMOS will continually evolve with AI-drive apps to help enable decision-making at the point of care





KOSMOS Specifications



Weight	<ul style="list-style-type: none"> Torso: 8 ounces Bridge: 23 ounces
Dimensions	<ul style="list-style-type: none"> Torso: 150 (L) x 56 (W) x 35 (D) mm Bridge: 216 (W) x 146 (H) x 59 (D) mm
Display	<ul style="list-style-type: none"> 8-inch, gorilla glass, touch screen display Resolution: 1920 x 1200 pixels
Transducer	<ul style="list-style-type: none"> High performance, high durability PZT-based phased array
Probe Cleanability	<ul style="list-style-type: none"> Validated to cleaning, intermediate and high-level disinfection per FDA guidelines, when using approved cleaning and disinfection chemicals and the process described in the User Guide
Durability	<ul style="list-style-type: none"> Both Torso and Bridge tested to withstand a one-meter drop Premium materials selected for compatibility with harsh cleaning chemicals Bridge: IP22 rated Torso: IPX7 rated
System Storage	<ul style="list-style-type: none"> 128 GB
Connectivity	<ul style="list-style-type: none"> 802.11 a/b/g/n/ac Wi-fi connectivity DICOM connectivity On-device processing - no cloud connectivity required
Battery	<ul style="list-style-type: none"> Supports 2 hours of continuous scanning
Ultrasound	<ul style="list-style-type: none"> B-mode, M-mode, Color Doppler Imaging Optimized for high-resolution and high-penetration cardiac, lung and abdominal imaging Proprietary custom ASIC Technology Advanced signal processing techniques found in large radiologic systems
Visual Auscultation	<ul style="list-style-type: none"> Auscultation microphones integrated directly into probe face to enable simultaneous imaging and auscultation High-fidelity analog signal conditioning, digitization and processing to produce high-quality sound + visual auscultation waveform display
ECG	<ul style="list-style-type: none"> Integrated 3-lead, single-channel ECG High-fidelity analog signal conditioning, digitization and processing to produce high-quality ECG waveforms
Synchronization	<ul style="list-style-type: none"> 3 diagnostic signals (Ultrasound, Auscultation and ECG) time-synchronized via proprietary EchoNous ASIC
IT Security	<ul style="list-style-type: none"> WiFi Security: WPA, WPA2, WPA2-PSK Device Security: System & Admin Password Software Security: Qualcomm Secure Boot
Warranty	<ul style="list-style-type: none"> 5-year warranty

Contact us at www.kosmosplatform.com

