

S8EXP



Portable Ultrasound Machine with Ultra-Modern Innovative Design and Clinically Proven Technologies

S8Exp is well equipped as a low-physical-effort and enhanced-image-quality ultrasound scanner, which not only provides optimized solutions for versatile applications, but does help to improve the user-experience for both routine and non-traditional challenges. Working with S8Exp, it will trigger your unlimited reverie and endow you with endless charm.

S8Exp successfully combines the best ergonomics, attractive design and ease of use. This charismatic identity is also enhanced by a sophisticated color palette—with sedate grey as its interior paint color and pearl white as exterior cover, this portable ultrasound machine reveals a style of aristocrat and strong character among SonoScape's ultrasound systems.

Features

- User-friendly ergonomic design: The most important controls are conveniently located within an intuitive interface, making all operations both easy and fast. Fifty



degreefoldable, high resolution, color LCD screen guarantees the most comfortable viewing location available in any environment.

- Powerful Platform: Embedded with SonoScape's core imaging processing technologies such as μ -scan, PHI and Spatial Compound, the S8Exp boasts exceptional 2D imaging, sensitive spectral, Color and Power Doppler, displaying well-defined anatomy and pathology and facilitating a highly optimized diagnostic user environment for conclusive diagnoses. The S8Exp also offers a comprehensive selection of electronic probes to maximize its capabilities to meet a wide range of applications including pediatrics, OB/GYN, cardiology, MSK, etc. The advanced probe technologies also effectively enhance the image quality and confidence in reaching clinical diagnoses even with difficult patients.
- Perfect Work flow: The S8Exp adapts to your work flow, whether you are in the consultant room, at the bedside, or at a remote location. With an easy-to-use new platform, designed for the sonographers' needs and full connection interfaces for easy connectivity and data sharing, the S8Exp leads to an improved clinical outcome, efficient workflow, and user comfort for the clinician as well as for the patient throughout the exam.
 - Advanced imaging technology and broad range of clinical applications
 - Imaging modes: B/ 2B/ 4B/ M/ THI/ CFM/ PDI/ DirPDI/ PW/ HPRF/ CW
 - Pulse Inversion Harmonic
 - Trapezoidal Imaging
 - Compound Imaging
 - Multi-beam technology
 - μ -Scan: 2D speckle reduction technology
 - Internal Workstation
 - DICOM 3.0: Transmission / Worklist / Print / MPPS / Storage / Commitment
 - Advanced cardiovascular kit: TDI/ Color M/ IMT/ Steer M
 - Stress Echo
 - M-Tuning: one button image optimization
 - Advanced software kits for Urology, Gynecology, Vascular, Small Part, Orthopedic
 - Panoramic Imaging
 - Freehand 3D Imaging
 - Real time 3D(4D)
 - Elastography





Specifications

- 15" High Resolution LCD color monitor
- Two transducer connectors
- USB 2.0/ Hard Disk 320 G
- Built-in Battery
- Adaptor
- ECG Module
- Suitcase
- Applications: Small Parts, Abdominal, Vascular, Cardiology, Obstetrical, Gynecological, Urological, MSK, Craniocerebral, Emergency, ICU, Anesthesia

Transducers

- 128 elements linear array L741(Vascular, Small Parts, MSK etc.), 4-16 MHz/ 46mm
- 192 elements linear array L742(Vascular, Small parts, MSK etc.), 4-16MHz/ 38mm
- 192 elements linear array L743(Vascular, Small parts, MSK etc.), 4-16MHz/ 46mm
- 256 elements linear array L752(Vascular, Small parts, MSK etc.), 4-16MHz/ 52mm
- 128 elements convex array C344 (Abdominal, Obstetrics, Gynecology), 2-6.8MHz/ R40mm
- 128 elements convex C354 (Abdominal, Obstetrics, Gynecology), 2-6.8MHz/ R50mm (No CE)
- 192 elements convex array C353 (Abdominal, Obstetrics, Gynecology), 2-6.8MHz/ R55mm
- 72 elements convex array C322(Abdominal Biopsy), 2-6.8 MHz/ R20mm
- 192 elements endocavity 6V3 (Gynecology, Obstetrics, Urology), 3-15MHz/ R10mm
- 128 elements transrectal EC9-5 (Urology), 3-15 MHz/ R8mm
- 64 elements phased array 2P2 (Cardiac, Transcranial), 1-6MHz
- 64 elements phased array 5P1 (Cardiac, Transcranial, Pediatric), 3-9MHz
- Volumetric convex array VC6-2 (Obstetrics, Abdominal, Gynecology), 2-6.8MHz/ R40mm

