New Digital Architecture
Advanced Element Technology: Transducers have thinner slices for improved tissue resolution.

U-Scan HD: Differentiates individual tissue signals to improve contrast resolution and tissue uniformity.

Spatial Compounding HD: Improves border definition and spatial resolution.

Pulse Inversion Harmonics: Processes 30% more harmonic signals to greatly improve contrast resolution.

Advanced Signal Processing
Elastography: Improved capability for diagnosing malignant lesions.

Panoramic View: Combines multiple images to form one long image with an extremely wide field of view.

E-Flow: Advanced Doppler Technology captures the low-velocity blood flow signal, and increases color sensitivity.
**Powerful Platform**

The S8 Expert is focused on bringing you the best images possible. Designed with an expansive digital beamformer to provide exceptional image quality, resulting in crystal-clear images which enable you to make a confident diagnosis on a wide variety of patients.

Multiple HD probes are capable of not only rendering superior quality 4D images, but are also excellent for cardiac applications, with advanced imaging techniques including Tissue Doppler Imaging.

The S8 Expert has been designed in a new powerful, lightweight architecture to better meet your high-performance imaging requirements.

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