



ZONARE



ULTRASOUND
REVOLUTION
CONTINUES





Ultrasound Revolution Continues

Representing one of the most significant ultrasound breakthroughs in decades, revolutionary Zone Sonography™ technology from ZONARE Medical Systems makes possible the world's only Convertible Ultrasound™ system. At the touch of a button, the z.one system instantly converts from a full-featured, cart-based system to a 5.5 pound (2.5 kilos) premium compact ultrasound unit enabling point of care ultrasound at the patient's bedside and unprecedented scaleable ultrasound. Healthcare facilities around the world have embraced the z.one system as a superb price-to-value ratio, ultrasound imaging solution.

The z.one *ultra* Convertible Ultrasound System - the Next Generation in Zone Sonography Technology

The **z.one *ultra*** - the Next Generation in Zone Sonography technology - was designed by and for ultrasound professionals. Providing smoother and seamless convertibility, the **z.one *ultra*** system features numerous customer - recommended, clinical and ergonomic advances.

Advanced Hardware

The new system comes with the industry's largest monitor - a 19 inch (48 cm) screen mounted on an articulating arm, allowing wide-angle viewing. Plus, the large screen format offers the clinician the option to display the current image on the monitor in a conventional size, along with previously captured views. Or, full screen for easy viewing at a distance.

The full-size, keyboard retains its familiarity to z.one users, yet features a smaller, more sensitive trackball and larger buttons for the most used functions. The programmable function keys are also more conveniently centered for quick and easy access. Significantly, the entire keyboard has been designed to allow for new clinical applications as the power of Zone Sonography technology evolves.

With a growing array of transducer choices, the Multi-Transducer Port (MTP), an optional three-port transducer module, can also be added. Based on comprehensive customer feedback, ZONARE developed the MTP to allow clinicians to easily choose between three transducers that are all connected simultaneously to the light-weight, cart-based system. Transducers can be quickly switched with a press of a button as imaging needs change.



In addition, the **z.one ultra** offers an optional battery pack that powers the full-cart system for up to three hours before needing to be plugged in. No powering down and re-booting when moving between patients. This is ideal for complete portability, anytime, anywhere in your clinical environment.



Image management is a snap with the **z.one ultra** system. The powerful 80 GB internal hard drive provides the clinician image storage capabilities for even the most demanding clinical workloads. Additionally, there are multiple USB connections for external storage and connectivity to

an Ethernet. And, the industry's only HDMI/DVI port provides the most up-to-date, high quality digital video output. The on board DVD image capture is ideal for image archive and collecting teaching files.

With one of the smallest cart-based footprints, the architecture of the system provides greater ergonomics, time savings and ease-of-use benefits for the clinician.





Advanced Software

Advanced software capabilities abound in the **z.one ultra** and software upgrades can be downloaded over the internet. For example, not all bodies image the same with ultrasound. Wall thickness, fat layer and tissue attenuation affect the way ultrasound sound waves travel through an individual's body. Conventional ultrasound systems, however, assume the same pre-set sound speed to image all body types. Zone Sonography technology has changed all this. Using ZONARE's proprietary Auto-Opt with ZST, the clinician can instantly equalize image gain and brightness and automatically adjust the sound speed based on differences in the patient's body habitus, completely optimizing the clinical image.

Another advanced software application, Auto-Dop Trace, automatically traces the spectral Doppler waveform at the touch of a button. The Auto-Dop Trace information is unique in the industry because it is derived from the original Doppler data and is independent of any spectral Doppler post-processing parameters, such as gain and dynamic range. This means the user can actually have an accurate Doppler tracing on a waveform that is not visually optimized.

Most importantly, the **z.one ultra** system is designed for easy upgradeability when new applications and additional advances are introduced. Whether as the full-featured, cart-based system or the premium compact unit, the z.one ultra system offers the best value in ultrasound today. **Anywhere. Anytime.**

The Revolutionary **z.one ultra** - Premium, Convertible, Scalable Ultrasound from ZONARE.

Call **1-877-913-9663** or visit us at **www.zonare.com**.



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