

Press Release

M-GB-06001

February 20, 2006

New: SDU-1100

Fully digital color ultrasound system for interdisciplinary applications

Advanced technology in all system operations and performance modes / Easy-to-use, fully digital system with long-term perspective / Advanced Human Engineering

Shimadzu, world-wide manufacturer of diagnostic imaging equipment, has presented its new fully digital ultrasound system, the SDU-1100. The technological features of the SDU-1100 offer real added value for clinical use. Reliability and state-of-the-art technology combine increased diagnostic confidence and long-term return on investment (ROI).

The SDU-1100 features a fully digital platform supporting the integration of various applications, and is adaptable to suit every physician's needs, whether in private practice or hospital.

Key elements are the excellent image quality, the sensitive color Doppler module as well as the storable default settings and diagnostics results – including dynamic image sequences and summary reports.

The fully digital system architecture offers a high-performance productivity level. A newly developed chip enables focussing down

to pixel level in order to display the subtlest differentiation in tissue structure. Optimized broadband technology increases the usable frequency spectrum from 2 up to 15 MHz. High-quality, high-speed digital filters improve the signal-noise level and ensure precise acquisition of weak signal information.

Advanced Human Engineering – this term succinctly expresses that the SDU-1100, through its ergonomic design, is fully adaptable to the needs of every physician. In addition, many integrated functions increase diagnostic efficiency, for instance diagnostic- or patient-specific image ‘Quick Keys’ or ‘Macro Imaging’ parameters. Options such as digital image archiving enable the integration of the SDU-1100 for clinical administration. The ‘Video Cine Memory’ function supports diagnosis and enables simultaneous image review of all selected system imaging modes.

Many high-resolution electronic probes for interdisciplinary application supplement the diagnostic capabilities of the SDU-1100.

Caption: Economical, user-friendly, high-performance – the SDU-1100 ultrasound system.

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Additional information is available on Shimadzu’s website: http://www.shimadzu.de

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