



SONOACE 8000EX **PRIME**

THE VALUE MULTI-SPECIALTY COLOR ULTRASOUND SYSTEM

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www.medison.com | info@medison.com

see it all 
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a new evolution.

It's the dawn of a new evolution in affordable digital color ultrasound

At Medison, we've earned a reputation for bringing cutting-edge digital ultrasound technology within reach of almost any medical institution. Today, we're proud to introduce to you the new Prime Edition of SONOACE 8000 EX. Combining evolutionary C-Square technology and PSAD Beamformer in addition to our nextgeneration digital beamforming technology with state-of-the-art intelligent digital signal processing, SONOACE 8000 EX Prime, creates images with astounding detail and spatial resolution that'll add new clarity to your diagnoses. Read on to see what you've been missing...

SONOACE 8000 EX **PRIME**



Setting the standard for affordable digital color ultrasound...again

The SONOACE 8000 EX benefits from the latest advances in our industry-pioneering digital beamforming technology as it once again raises the industry benchmark for performance and affordability. And like every Medison digital color ultrasound system, you can expect superior image quality that'll translate into equally superior diagnoses in any imaging application.



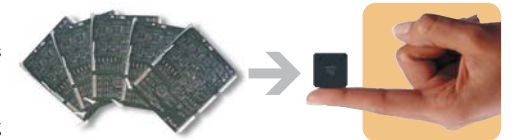
evolutionary technology

STRESS ECHO AND CONTRAST AGENT CAPABILITIES

SONOACE 8000 EX has been vastly improved with the addition of Stress Echo and Contrast Agent capabilities. Now, it is fully capable of majority of popular cardiac functions and is the most cost effective CV system available in the ultrasound industry

SMART AND COMPACT

The SONOACE 8000 EX owes its state-of-the-art imaging capabilities to the same patented digital beamforming technology that powers our top-of-the-line systems. We've shrunk this massive amount of real-time processing power requiring literally tens of millions of transistors down to a handful of custom application-specific integrated circuits that produce what are arguably the industry's sharpest diagnostic images. This combination of system integration and miniaturization as well as the use of a Windows™ 2000-based PC platform enables us to deliver an exceptionally compact, powerful, versatile, reliable, and affordable system that's ideally suited to the multifaceted diagnostic needs of both hospitals and clinics.



ORGANIZED AND INTEGRATED NETWORK

Each SONOACE 8000 EX comes equipped with SonoView™ II, our second-generation integrated image management solution. In addition to fullfeatured review and archiving capabilities, this DICOM 3.0-compliant system seamlessly networks with PACS systems as well as PCs running our optional SonoView™ Pro software, allowing you to easily create a robust ultrasound image sharing and management solution capable of remotely archiving, reviewing, and even making 2D measurements from the next room — or the other side of the world.

evolutionary imaging

HARMONIC IMAGING

Seamlessly integrates with selectable tissuespecific velocity correction to significantly enhance spatial resolution and contrast in B-mode with difficult-to-image patients.

PULSE INVERSION HARMONIC IMAGING

Provides additional processing of harmonics to cancel out-of-phase fundamental signals, delivering a purer harmonic signal with both convex and phased-array probes.

TISSUE DOPPLER IMAGING (TDI)

Quantifies cardiac wall motion and provides information on tissue velocity and direction with phased-array probes.

CAFETM PLUS (ARTIFACT FILTERING)

Intelligently suppresses flash artifacts generated with nonlinear filtering of "clutter" signals from tissue and organs for clearer, more accurate blood flow visualization.

• CAFETM Plus: Second-generation compound artifact flash elimination

OSIOTM (AUTOMATIC IMAGE OPTIMIZATION)

Automatically recognizes the organ being scanned and sets the optimal scan settings, reducing set-up tedium for improved productivity.

• OSIOTM: Organ-specific image optimization

TRAPEZOIDAL IMAGING

Provides a wider imaging area with linear probes without sacrificing image resolution, enhancing productivity in small part exams.

FINE™ FILTERING

Substantially enhances 2D image quality with advanced noise reduction and precision control over edge enhancement.

• FINE™: Filtered image for noise reduction and edge enhancement

MULTI-BEAM PROCESSING

Delivers ultra high frame rates with enhanced resolution and fewer motion artifacts for superior diagnostic imaging in all scan modes.

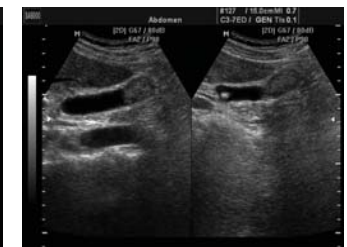


An advanced palette of imaging technologies delivers superior results in any application

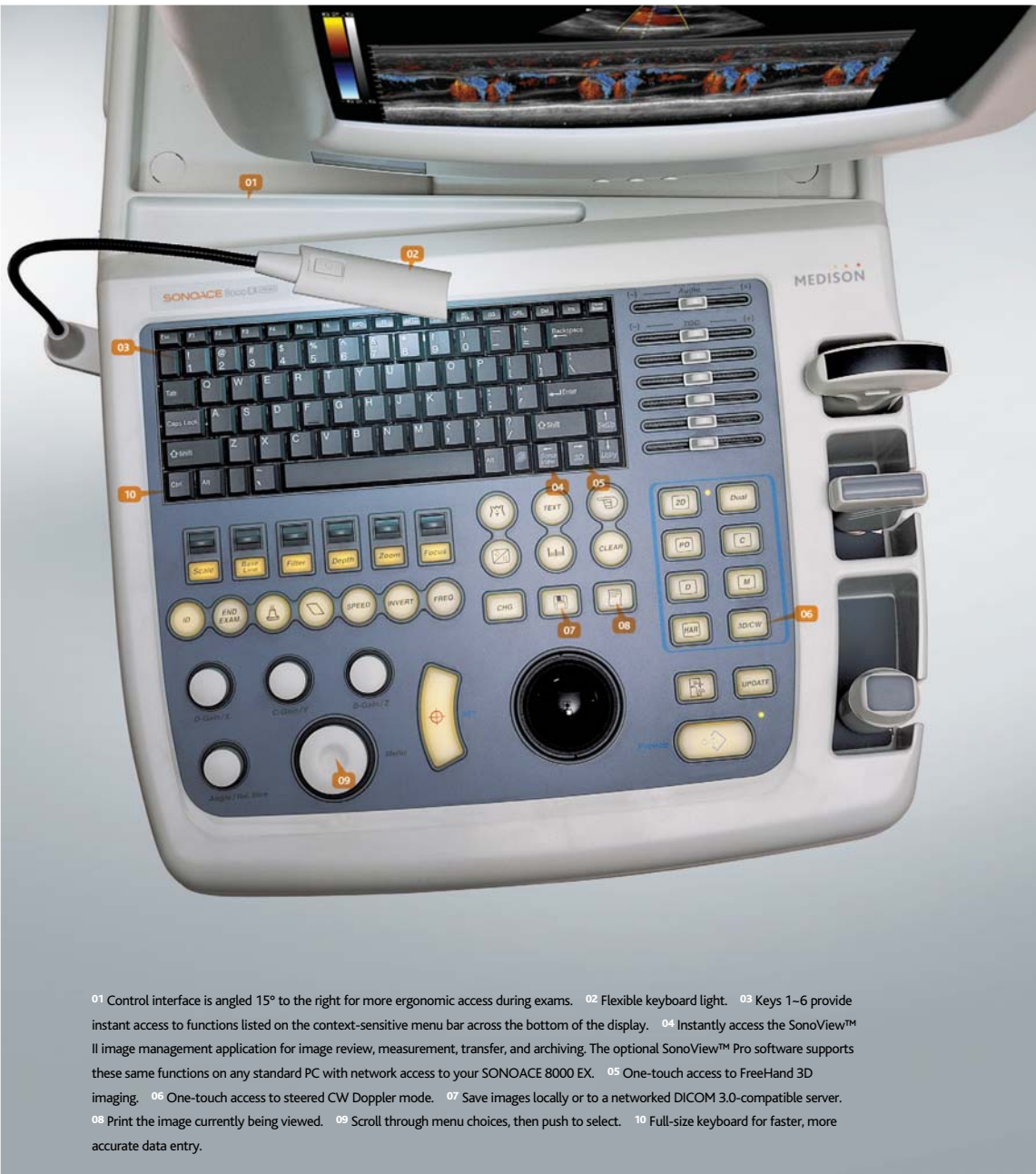
While the SONOACE 8000 EX is designed to deliver exceptional imaging performance across the entire range of diagnostic applications, its advanced palette of imaging technologies makes it a particularly outstanding choice for General, OB/GYN and Cardiac imaging tasks.



Liver vessels in color Doppler



Common bile duct stone in 2D



01 Control interface is angled 15° to the right for more ergonomic access during exams. 02 Flexible keyboard light. 03 Keys 1–6 provide instant access to functions listed on the context-sensitive menu bar across the bottom of the display. 04 Instantly access the SonoView™ II image management application for image review, measurement, transfer, and archiving. The optional SonoView™ Pro software supports these same functions on any standard PC with network access to your SONOACE 8000 EX. 05 One-touch access to FreeHand 3D imaging. 06 One-touch access to steered CW Doppler mode. 07 Save images locally or to a networked DICOM 3.0-compatible server. 08 Print the image currently being viewed. 09 Scroll through menu choices, then push to select. 10 Full-size keyboard for faster, more accurate data entry.



evolutionary ergonomics

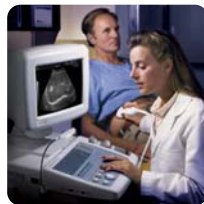
Allow you to easily customize to your needs.

The SONOACE 8000 EX control interface is ergonomically engineered to give operators quick and convenient access to all the powerful features of the Medison digital color ultrasound platform for maximum productivity and diagnostic accuracy. This attention to ergonomics also extends to the numerous storage and peripheral options, allowing you to easily customize the SONOACE 8000 EX to the unique needs of your growing practice.



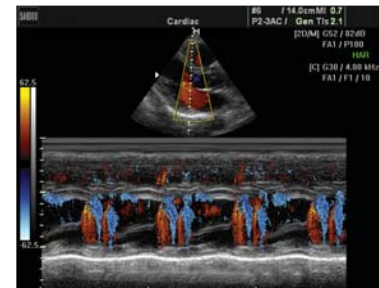
01 High-contrast 15-inch color VGA monitor tilts and swivels for operator and patient convenience. 02 Top storage tray is sized to hold a thermal printer. 03 Flexible keyboard light. 04 Compact control interface is laid out for efficiency. 05 Floppy diskette drive for cost-effective image archiving (Optional 1.3 GB MO drive and CD read/write drive available) 06 Front storage shelf is sized to hold a color printer. 07 Three high-bandwidth, interface-selectable probe ports. 08 Plug in an optional foot switch for hands-free image scan capture. 09 Interface-selectable CW probe port. 10 Handy storage rack for patient records or manuals.

probe versatility



THE RIGHT PROBE FOR ANY APPLICATION...

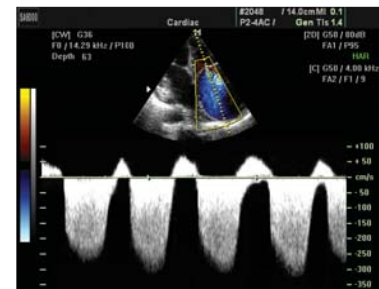
Choosing the right combination of probes for your diagnostic workload is essential to getting the most out of your SONOACE 8000 EX. We're pleased to offer you the following selection of high-performance multi-frequency linear, convex, and phased-array probes, each of which is optimized to deliver superior wideband imaging performance in their respective applications.



Long axis view in color M-mode



Abscess in mitral valve



Severe tricuspid regurgitation in CW Doppler



Kidney vessels in power Doppler



Splenomegaly in 2D



Trapezoidal image (Breast)