

Cardiovascular

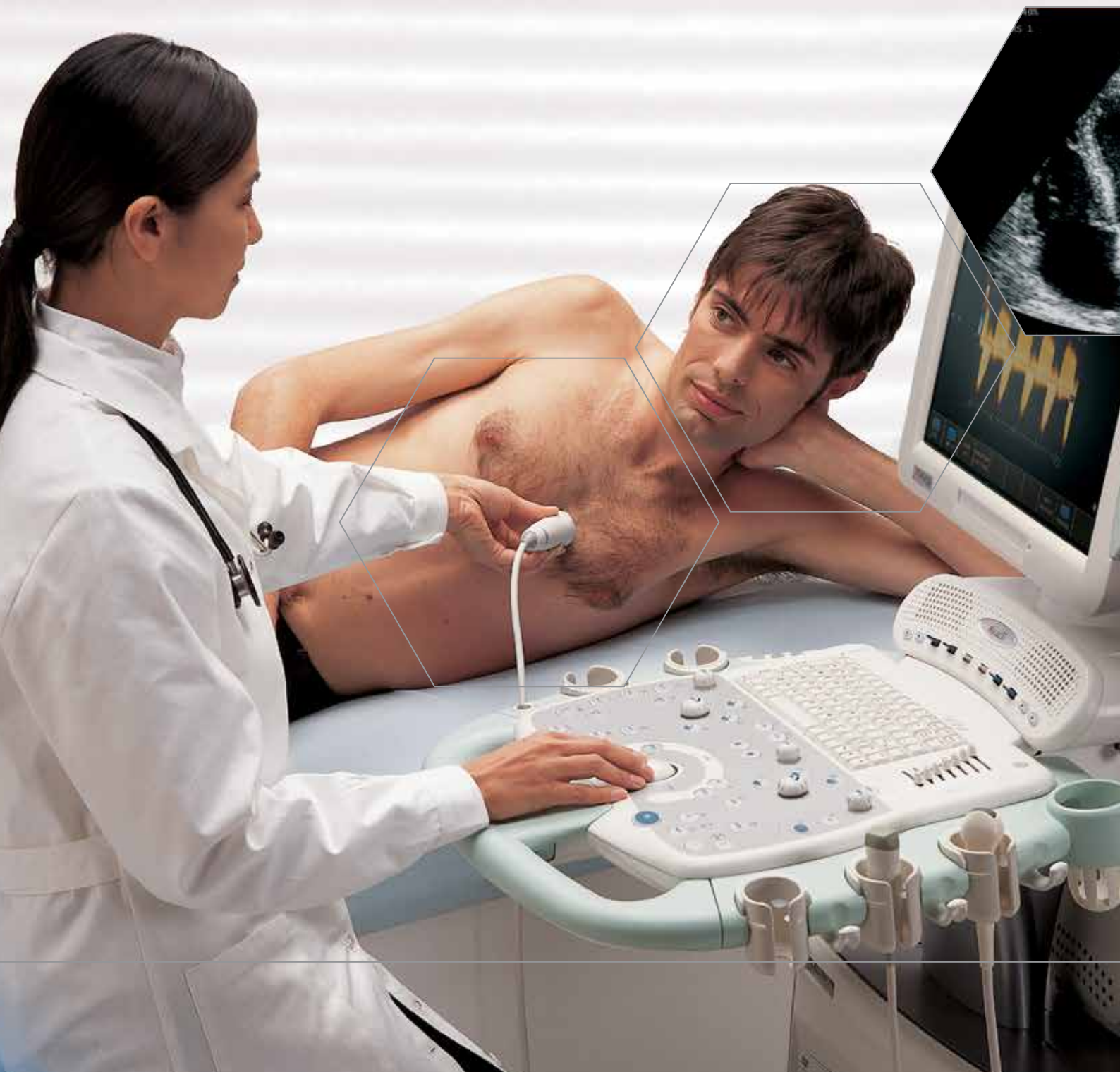
High CV Standard without Compromise

MyLab50[™] **XVision**
Cardiovascular



esaote

Cardiology



The Ideal Partner for:

- > Adult and Pediatric Cardiology
- > Main and Peripheral Vascular
- > Transcranial Imaging

MView



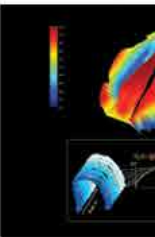
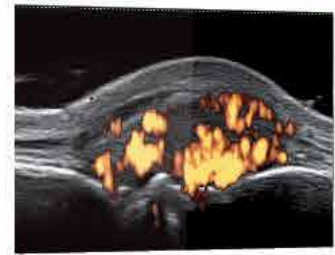
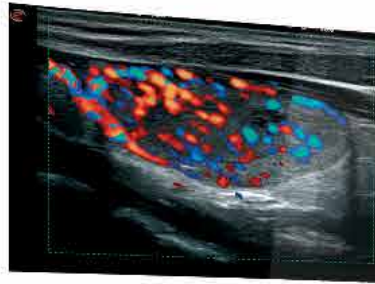
XView



The MyLab50 has been designed to be the reference system for every cardiovascular ultrasound laboratory, whether a private practice, specialized clinic or bustling hospital department. High-level performance, advanced data management and dedicated cardiovascular specific transducers and application packages satisfy even the most demanding needs.

Based on the revolutionary MyLab™ architecture, the **MyLab50 XVision** incorporates Esaote's revolutionary **XView** technology which elaborates the pattern of every single frame at the pixel level, eliminating speckle and noise artifacts, dynamically enhancing tissue margins, improving tissue conspicuity and increasing diagnostic confidence. The MyLab50 XVision produces unmatched image quality both in terms of contrast and spatial resolution and increases user comfort while reducing eyestrain.

The MyLab50 improves efficiency, increases flexibility and optimizes workflow.



Advanced Tech



iQProbes



18 MHz



CnTI



Vpan



X4D



nnologies

FWI

FWI

CMM

CMM



AutoEF



QIMT



XStrain

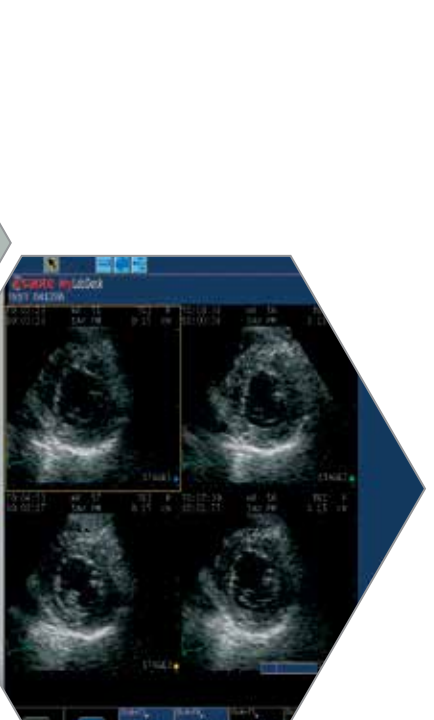
- > Modular Architecture
- > Application-Dedicated Transducers
- > Ergonomic Design

- > Limitless Connectivity
- > IHE Compliance
- > Windows® and DICOM compatibility
- > MyLabDesk



> Unlimited Upgradeability

The MyLab50's modular architecture offers the highest level of flexibility when it comes to choosing the system's configuration. Any level of customization is possible by upgrading the system with application-dedicated packages and equipping it with the desired peripherals. This way, the present and future needs of any user are guaranteed. The MyLab50 is the perfect partner for any operator, whether he or she works in a private practice or in a hospital department using the most advanced technologies in modern medicine.



> Extreme Connectivity

The MyLab50 has been designed to be limitless in terms of connectivity. During real-time scanning, images and video clips are temporarily stored and can be displayed as thumbnails by pressing just one button. When selecting the final storage destination, the operator can easily choose from the integrated hard disk, DVD/CD burner, personal USB memory drive and/or network storage. Additionally, several types of printers can be attached to the system and controlled by dedicated buttons, including cost-effective inkjet and USB printers.

The MyLab50 is IHE (Integrating the Healthcare Enterprise) compliant. IHE is a initiative of the Radiology Society of North America and the Healthcare Information and Management Systems Society and brings together medical equipment and information products from different manufacturers for defining, testing and demonstrating an efficient workflow in the hospital-wide connectivity.

> A Versatile and Ergonomic Approach

The MyLab50 is based on an extremely simple and intuitive user interface designed specifically for multiple-application requirements with direct access to the most frequently used functions. A fully height-adjustable and rotating keyboard with back-illuminated soft-keys on the system's alphanumeric keyboard ensures maximum comfort and versatility. The user can choose from a 19" LCD display or a 17" SVGA monitor, both designed to minimize user eyestrain. The ergonomic design and the compact dimensions make the MyLab50 a pleasure to use.

> Post-processing Workstation, Quantification Tools

Esaote designs its ultrasound systems to be an integral part of a digital ultrasound department, both in Windows® and DICOM environments, and not only a stand-alone piece of equipment, allowing the user to choose the level of integration and offering the highest upgrade capability. The latest image management solution from Esaote, MyLab Desk, is an ideal solution for private offices, increasing their workflow and productivity.

MyLabDesk installs the MyLab systems' user interface on a standard PC, allowing comfortable reviewing and processing with all the features of the PC.



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