MyLab™X90 VET

Empowering Veterinary Care

esaote VET

HEALTH WITH CARE

MyLab™X90 VET

Empowering Veterinary Care

A simple detail can make the difference in treating your patients. With MyLab™X90VET, its premium ultrasound system, Esaote is committed now more than ever to providing you with the ultimate technologies, and to delivering outstanding image quality and advanced clinical solutions.

Bridging the clinical information and an A.I.-driven workflow for the first time, MyLab™X90VET will be your first experience of an ultrasound device with Intelligent Imaging.

ULTIMATE DESIGN

XCRYSTAL TECHNOLOGY

CLEARWAVE ARCHITECTURE

AUGMENTED INSIGHT™

CLINICAL EXPERIENCE

DESIGNED FOR VETERINARIANS

23.8” eLED BARCO MONITOR

Latest dual Layer LCD tech to ensure contrast & detail enhancement.

OPTI-LIGHT

Optimal working environment through integrated lighting capabilities.

ULTRAWIDE 15.6” TOUCHSCREEN

Ergonomic control with its tiltable 15.6” touchscreen.

4+1 ACTIVE CONNECTORS

4 transducer connectors for immediate probe switching in fast-paced clinical settings.

3 YEARS WARRANTY

Essential protection to keep your investment running safely.

*Optional

High-tech Design, Maximum Comfort

Collaborating with Barco to equip its premium platform, Esaote demonstrates its product to be of the utmost quality.

MyLab™X90VET embeds an exclusive eLed monitor developed by Barco and optimised for this platform.

Dual-Layer LCD technology, the top-class in terms of picture rendering, offers brilliant colors, infinite contrast, fast response rate and viewing angles with higher stability over time.

- 23.8” Full HD High Dynamic Range Monitor
- Dual-Layer technology
- Contrast resolution ratio x 40*
- Higher sensitivity in brightness and color
- Long lifespan and stability

*compared to conventional LCD technology

Optimal working environment

Exclusive light sensor for automatic optimization of brightness to the scanning environment. Opti-Light feature for real-time lighting, providing invaluable comfort in everyday use, according to the light conditions in the room.

New workflow gestures

Intuitive real-time control of several parameters such as depth, zoom, sample gate, replay of cineloop or even certain measurements using only your fingers.

Customizable workstation

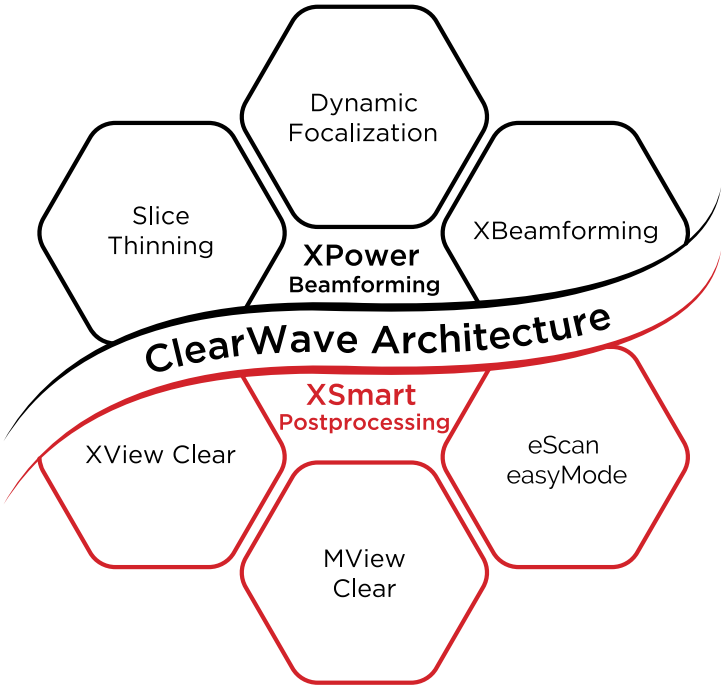
The high-quality articulating arm and its friction mechanism offer the option of lifting the monitor easily and keeping it in the optimum position chosen, for scanning either standing up or sitting down.

ClearWave Architecture

ClearWave Architecture is the aggregation of the two components in image construction – Esaote's ultimate XPower Beamforming and XSmart Postprocessing technologies – to deliver a new standard in terms of image quality.

Embedding the latest generation of electronics and processors, MyLab™X90VET is designed to face the new challenges of imaging stream management and authorizes connectivity with extreme security.

Providing a high level of protection against external threats, Windows® 10 enables data transfer, offers peace of mind in compliance with the GDPR and ensures the safety of patient data, while the power of the MyLab™X90VET GPU speeds up the transfer rate by up to four times*, facilitating the multimodality approach and the use of live streaming.



* Compared to the previous line

XCrystal Technology, micro-slice imaging

Esaote-developed XCrystal technology dramatically increases sensitivity and penetration, to provide sharper images and homogeneity.

As a historic specialist in high-frequency probe manufacturing, Esaote offers a broad portfolio of transducers to cover all clinical needs and patient sizes, giving an unparalleled level of detail imaging.

The LMX 4-20, Esaote's brand-new HD Single Crystal probe, combined with ClearWave Architecture, benefits of very wide bandwidth and operating frequencies up to 25 MHz. It reveals unprecedented clarity in the minutest details with no compromise in the deeper area.

Additionally, our latest hockey stick probe, featuring an outstanding ergonomic design and shape, provides access to the narrowest zones with exceptional submillimeter resolution.

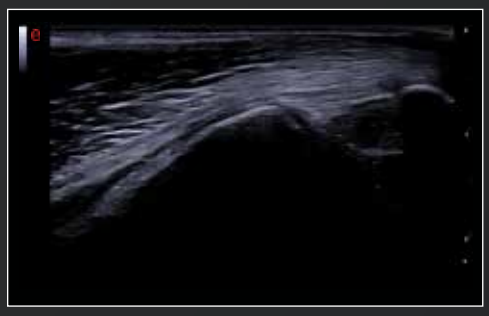
Conventional probe technology

XCrystal
Technology

Lens shape
Thermal drain mechanism
HD elements/multi-layer matrix structure

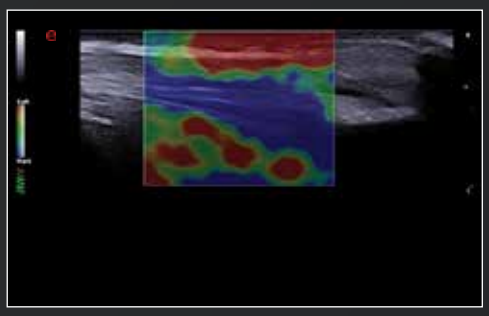
Superb Quality and Impressive Performances

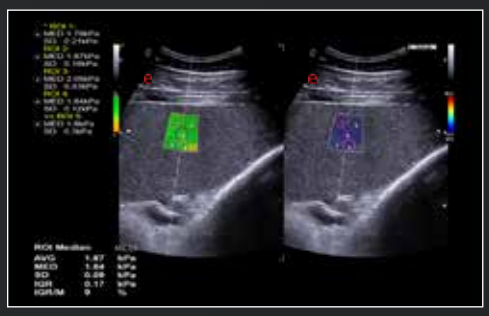
To leverage the imaging experience, Esaote supports homogeneous first-class-quality images through a wide selection of probes, enhancing details with sharpness and clarity in all species.



A superior ultrasound imaging quality exponentially increases diagnostic confidence and image readability, while high-freq single crystal probes reveals unprecedented clarity in the minutest details without compromising the deeper areas.

Outstanding visualization of the lowest flows with high frame rate and enhanced sensitivity is possible with microV, while CnTI™ Clear increases performance via considerable persistency with information for tissue microperfusion.





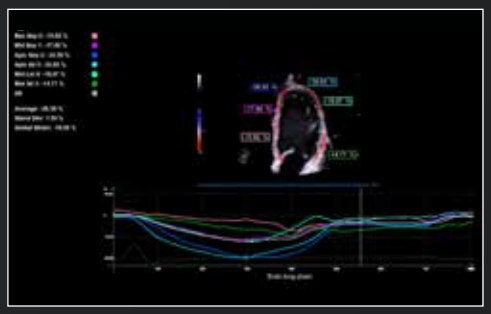
Qualitative and quantitative tissue stifness assesment is fast and accurate and QElaXto 2D automatically summarizes real-time stiffness quantification in a report, to support diagnosis and easy follow-up.

Augmented Insight™

Based on data-driven machine learning, Augmented Insight is designed to simplify the workflow in repetitive gestures and complex procedures.

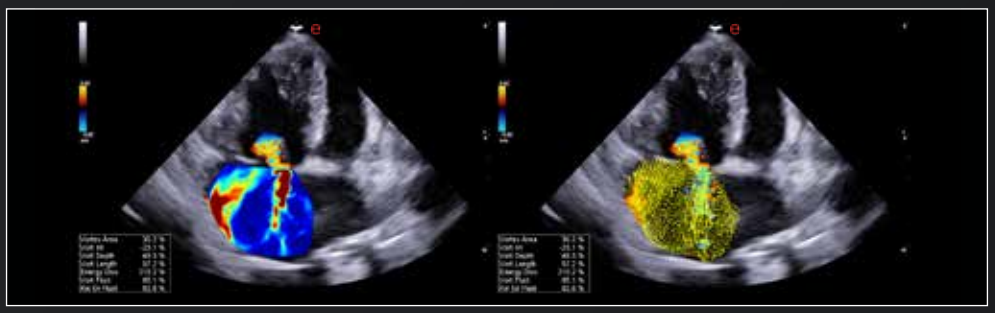
MyLab™X90VET covers a 360° shared-service solution, embedding new workflow powered by A.I. in cardio applications to increase speed and accuracy in standard measurements.

A full package of zero-click tools is included, to facilitate the quantification of cardiac function, such as AutoEF, XStrain™ and HyperDoppler.



XStrain™ allows for detailed exploration of strain in the left ventricle (LV), right ventricle (RV), and left atrium (LA).

AutoEF offers an automatic A.I.-driven contouring of the left ventricle in 4 and 2 chambers, to assess the ejection fraction.



HyperDoppler provides visualization of intracardiac vortices, offering deeper insights into cardiac dynamics for research purposes.

Versatile connectivity

Supported by a powerful architecture and high-tech components, MyLab™X90VET embraces the new trends in term of medical data streams with a complete offer of connectivity tools, such as MyLab™DeskVET, MyLabRemote and eStreaming.

The DICOM multimodality license enables a side-by-side display of any other DICOM dataset with real-time ultrasound scanning, which also opens up the cross-modality approach to perform navigation procedures with fluidity and speed courtesy of the high-capacity SSD and RAM.

eStreaming, for secure sharing of live scans

Either for education purposes such as collaborative and application and training sessions, eStreaming technology offers real-time streaming of ultrasound, together with picture-in-picture camera on your tablet, phone or laptop.

Customer Care

3-YEAR SERVICE COVERAGE

REMOTE TECHNICAL SUPPORT

PROBE COVERAGE

Conditions for service coverage may vary depending on your country.

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Esaote S.p.A. - sole-shareholder company

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