

MyLab™ OMEGA eXP

Advanced Imaging in Motion



esaote
HEALTH WITH CARE

MyLab™ **OMEGA** eXP

Advanced Imaging in Motion

As a benchmark for portable ultrasound devices, Esaote has designed MyLab™Omega eXP to deliver premium performances with cutting-edge components, integrated A.I.-driven tools and intuitive workflow, making it fast and agile. The implementation of the latest Esaote XCrystal transducers technology enables high-end level image quality to provide immediate and accurate information.

Thanks to its extended connectivity functions, MyLab™Omega eXP becomes a new standard for portable ultrasound in a modern healthcare system, boosting advanced imaging in motion.



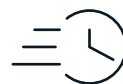
**XCRYSTAL
TECHNOLOGY**



**AUGMENTED
INSIGHT™**



**FULL
CONNECTIVITY**



SPEED



**EXTREME
FLEXIBILITY**

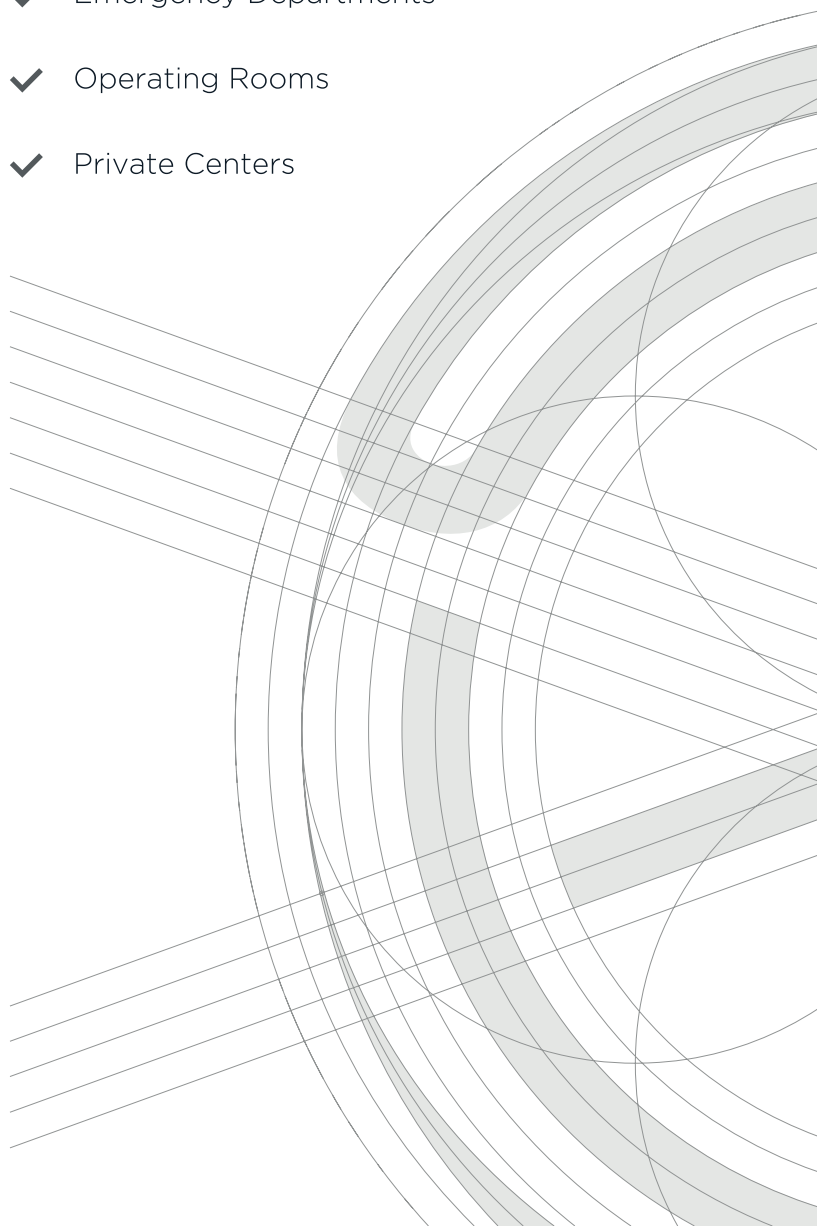


Experience anywhere



MyLab™Omega eXP enhances your ultrasound examination experience thanks to an intuitive workflow supported by dedicated A.I. tools and outstanding imaging, in a compact, powerful device.

- ✓ Mobile Healthcare Services
- ✓ Bedside
- ✓ Emergency Departments
- ✓ Operating Rooms
- ✓ Private Centers



MyLab™Omega eXP fits into any clinical scenario, from Echo-Labs to Hospitals, from Cardiology Departments to CCU, including Emergency Departments and Point-of-Care, thanks to its long-lasting battery. Its extensive range of probes, combined with multiconnector capability, offers flexible configuration, while cutting-edge features meet even the most demanding clinical requirements. MyLab™Omega eXP follows you to the patient's bedside to give complete mobile system solutions geared at effective patient care, whether on its trolley or in handling mode.



Flexibility in data management

Equipped with the latest generation of electronics and CPUs, MyLab™Omega eXP meets the challenges of managing healthcare data streams with its extensive connectivity and advanced features.

Windows®10 compatibility provides a secure platform for data transfer and GDPR compliance, offering a high level of protection against external threats and ensuring the security of patient data.



e-Streaming

Share real-time examination anywhere.

MyLabRemote

Duplicate control panel across tablet devices.

Multimodality & Follow Up

Compare second-modality DICOM datasets in real-time.

MyLab™Desk

Review your previous examinations off-line.

Customer Care



REMOTE
TECHNICAL
SUPPORT



PROBE
COVERAGE

XCrystal Technology, performing imaging

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

Esaote, indeed a benchmark in high-performance probe manufacturing, has designed a new generation of transducers to deliver top-class resolution imaging.

The ergonomic shape designed by Esaote engineering provides true comfort in everyday use.



Conventional probe technology

XCrystal Technology

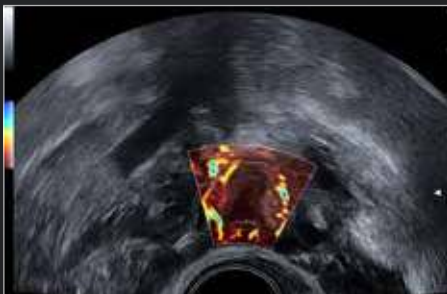
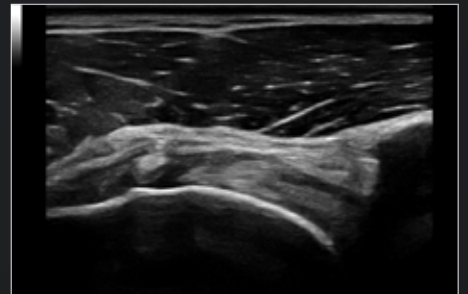
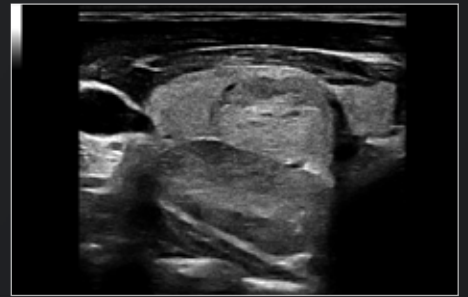
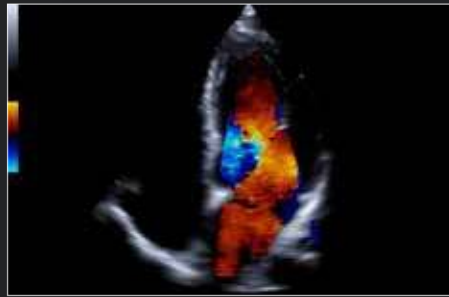


- Lens shape
- Thermal drain mechanism
- HD elements/multi-layer matrix structure



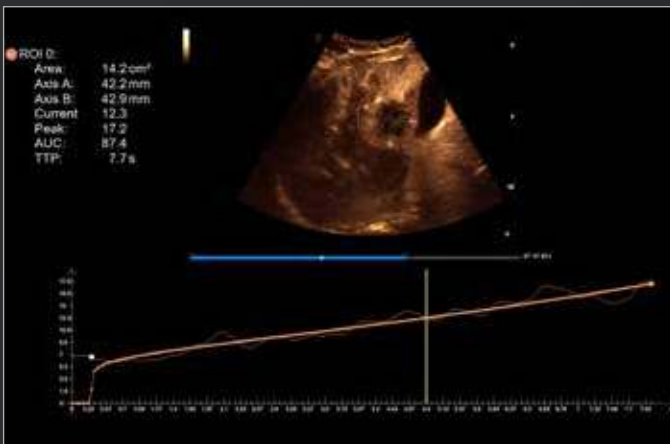
Excellence in Motion

MyLab™Omega eXP provides outstanding confidence in your ultrasound examination, thanks to its scan fluidity and its high image quality performance. Esaote XCrystal probe technology, merged with a dedicated real-time algorithm for speckle reduction, guarantees ultra-clear and detailed imaging across multiple applications, even in challenging patients.



Advanced experience in ultrasound imaging

MyLab™Omega eXP provides an advanced and comprehensive ultrasound package that incorporates the latest Esaote Augmented Insight™ technology, driven by Artificial Intelligence. This package enhances workflow efficiency and diagnostic power with dedicated tools and automated measurements, significantly enhancing the fluidity in your daily routine.



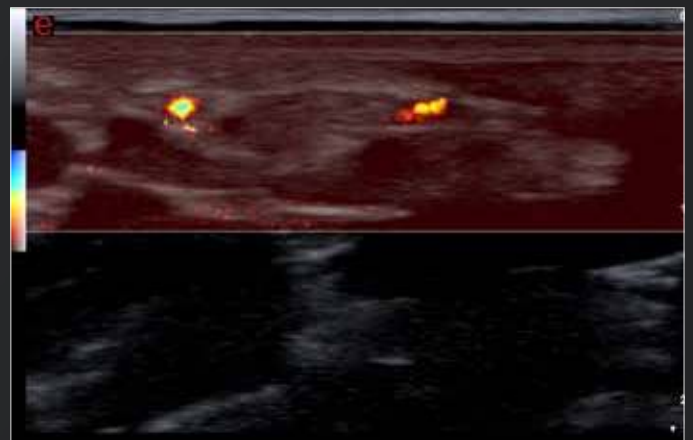
CnTI™



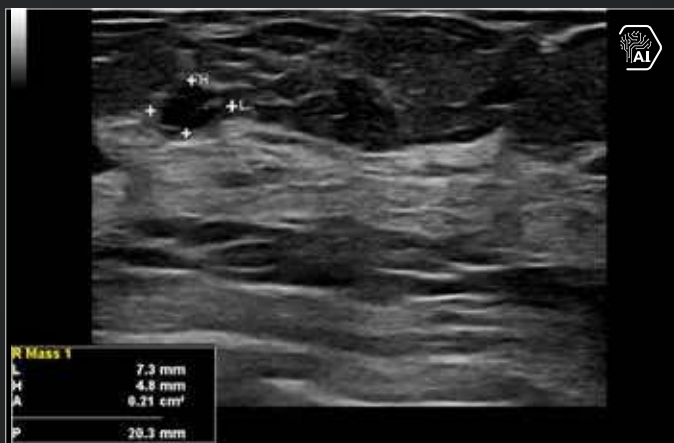
VPan



BrightFlow



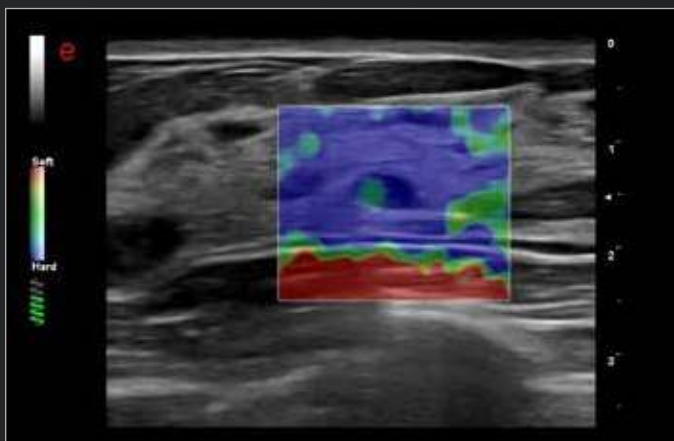
microV



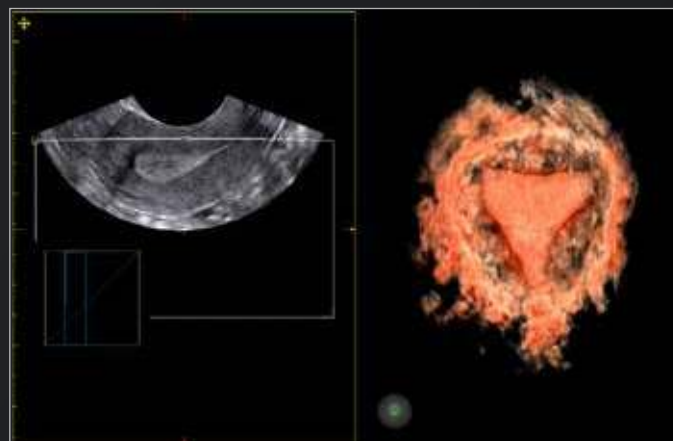
eDetect



AutoOB



ElaXto



XGlass



AutoCM



AutoEF



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Italian design

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