

MyLab™ Omega eXP (CV) Edition

Advanced Imaging in Motion



NEVER STOP SEEING THE UNSEEN.

esaote

When research is oriented towards the evolution of products and solutions for the continuous improvement of diagnosis in terms of imaging and workflow, when research is focused on expanding technological potential and exploring unexplored horizons, the result is pure innovation.



EXPLORING THE INSIDE.

Advanced imaging in motion

MyLab™Omega eXP CV Edition

As a benchmark for portable ultrasound devices, Esaote has designed MyLab™Omega eXP CV Edition 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.

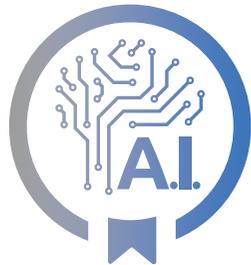
Thanks to its extended connectivity functions, MyLab™Omega eXP CV Edition becomes a new standard for **portable ultrasound** in a modern healthcare system, boosting advanced imaging in motion.



FULL
CONNECTIVITY



EXTREME
FLEXIBILITY



AUGMENTED
INSIGHT™



XCRYSTAL
TECHNOLOGY



SPEED



@esaote



Private Centers



Echo-Labs



Coronary Care Units



Cardiology Medical Departments



Experience anywhere

MyLab™Omega eXP CV Edition enhances your cardiology ultrasound examination experience thanks to an intuitive workflow supported by a dedicated **AI cardio package** and outstanding imaging, in a **compact, powerful** device





The MyLab™Omega eXP CV Edition fits into any cardiology scenario, including echo-labs and mobile care units, thanks to its **long-lasting battery**. Its extensive range of probes, combined with multi-connector capability, offers **flexible design**, while cutting-edge features meet even the **most demanding** clinical requirements.

MyLab™Omega eXP CV Edition 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.



MyLab™ Share and @Streaming

Share real-time examination anywhere.



MyLab™ Desk

Review and complete previous examinations offline.



MyLabRemote

Duplicate control panel across tablet devices.



MyLab™ Tablet

Export complete exam datasets to any tablet device.



Multimodality & Follow Up

Compare second-modality DICOM datasets in real-time.



Flexibility in data management

MyLab™Omega eXP  Edition

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

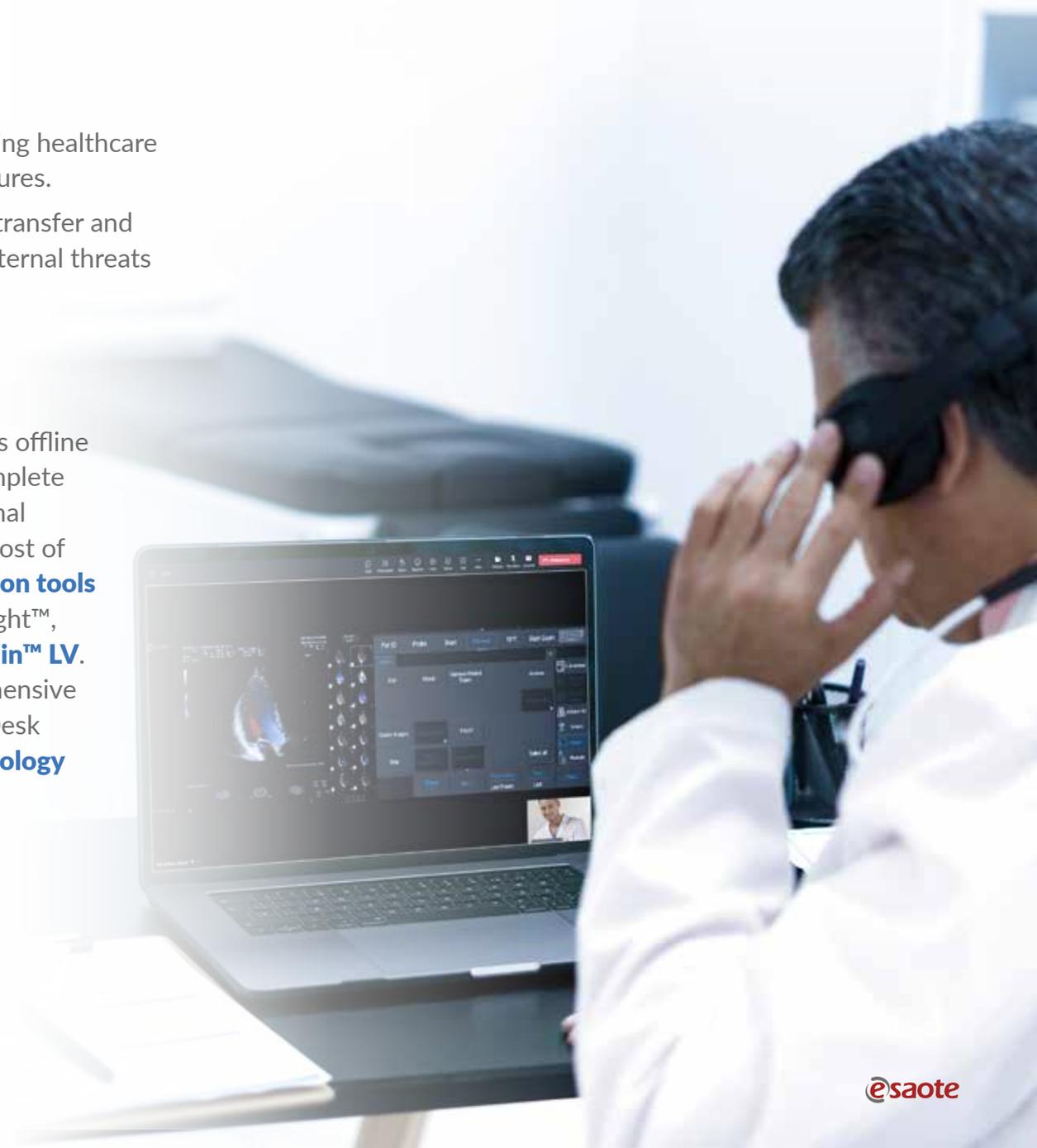
Windows®10 compatibility provides a secure platform for data transfer and GDPR compliance, offering a high level of protection against external threats and ensuring the security of patient data.

MyLab™Share

Esaote's exclusive MyLab™Share application enables **unique live sharing** for educational purposes, including application training and image broadcasting, with a local or global audience in a **secure way**. Benefit from the high resolution picture-in-picture camera and voice transmission during your MyLab™Share streaming, to **transcend geographical boundaries** and eliminate any barriers or restrictions to communication.

MyLab™Desk

Review your cardiac exams offline with MyLab™Desk, to complete your analysis with additional measures and make the most of the **advanced quantification tools** of Esaote Augmented Insight™, such as **AutoEF** and **XStrain™ LV**. Combined with a comprehensive report solution, MyLab™Desk becomes your **smart cardiology workstation**.



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

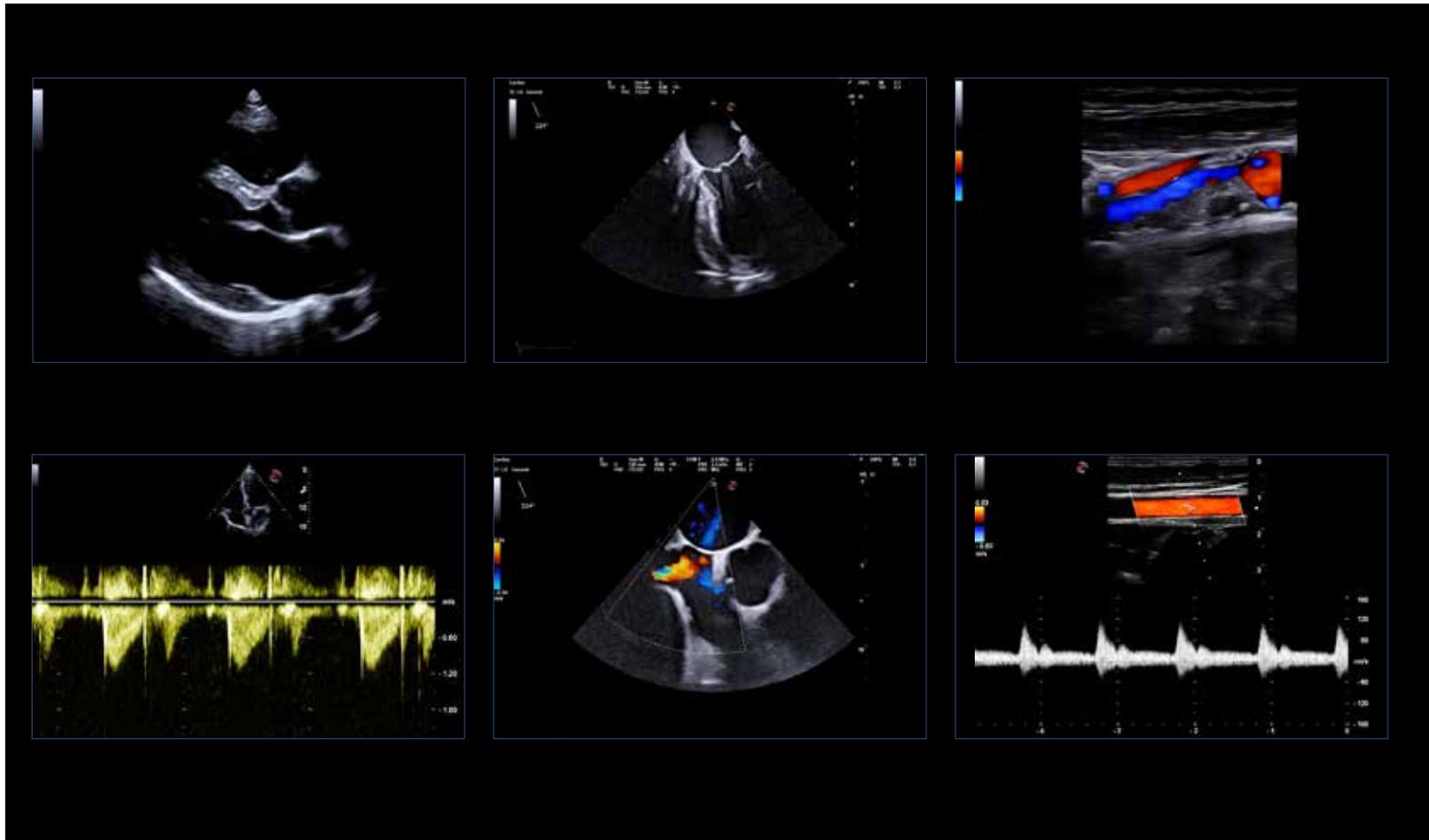
Lens shape
Thermal drain mechanism
HD elements/multi-layer **matrix structure**



Experience in Cardiovascular examinations

MyLab™Omega eXP (CV) Edition

MyLab™Omega eXP CV Edition provides **outstanding confidence** in your cardiovascular 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 while high Doppler sensitivity, either in color or quantitative modes, enables advanced valve evaluation, even in **challenging patients**.



Augmented Insight™ in Cardiology

MyLab™ Omega eXP CV Edition benefits from Esaote Augmented Insight™ to **empower the workflow** with dedicated tools and automatic measurements driven by **Artificial Intelligence**, drastically increasing the fluidity in your daily routine experience.



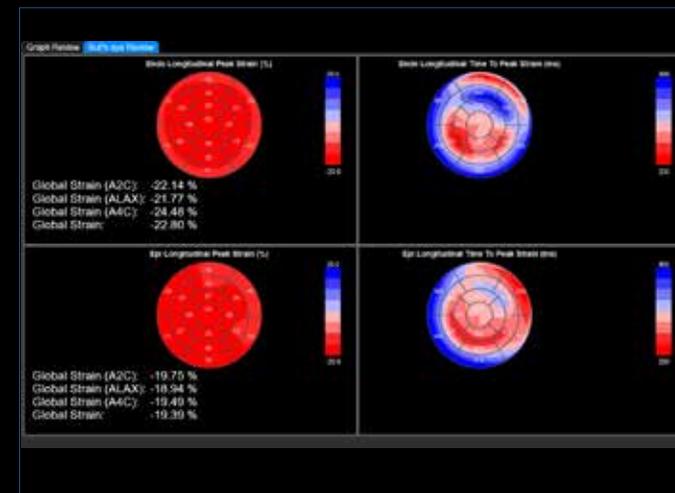
AutoCM

Automatic left ventricle dimension measurements in parasternal long axis, delivered both in diastolic and systolic phases.



AutoEF

Automatic anatomical view recognition and endocardial border detection, speeding up Ejection Fraction (EF) measurements in both 4 and 2 chambers.



XStrain™ LV

Automatic endo-epicardial borders detection, providing immediate Global Longitudinal myocardial Strain (GLS) analysis with simultaneous bull's-eye and curved representation of the LV and its 17 segments.





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160000446 MA Ver.01



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