WALKING ON
THE BRIGHTER SIDE OF
ULTRASOUND IMAGING

MyLab™ X

Beyond **efficiency**

esaote

MyLab™ **X7**

Ultrasound imaging beyond **efficiency**

Esaote's new **MyLab™X7** technology allows you to make better, faster, and more reliable decisions thanks to **extremely intuitive usability** and **ergonomics** that meets every need.

Take advantage of a resilient, green and movable system with **outstanding image quality**, optimally **simple interface usage**, and significantly faster outputs thanks to the **zero-click automation functions**.

Details can be seen as never before with the **IPS technology LED monitor**, while **advanced hemodynamic evaluation** with high sensitivity and high spatial resolution allow you to make assessments smoothly and more confidently, even in difficult situations.

Fast and easy

21.5" LCD widescreen monitor

Zero-click automation

Complete advanced clinical tools

Extensive connectivity

Large probe portfolio

Increased diagnostic confidence

MyLab™X7 demonstrates extended configuration features, which help the physician perform as well as possible during advanced procedures.
It incorporates innovative and advanced features, including CPI, High Sensitive microV, XStrain4D, XSTIC that now enable clinicians to confidently use ultrasound in all kinds of examinations.

Optimised workflow

Thanks to its powerful Windows™ 10 platform, MyLab™X7 targets reduced examination times and a better workflow by means of a wide range of automatic "zero-click" process functions for imaging, doppler, post-processing, measurements, archiving and connectivity.
With the "zero-click" processing, cardiac ejection fraction, fetal nuchal translucency or heart strain measurements can now be carried out quickly and easily.

✓ Battery
✓ Booting time less than 15 sec*
✓ Easy to unplug and easy to move

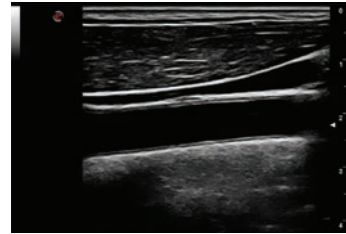*from stand-by mode

✓ Easy to use
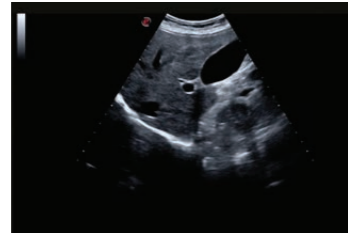✓ 21.5" HD IPS technology LED monitor
✓ Latest touchscreen technology

Advanced clinical tools

Zero-click automation

XView+

The new high-performance real-time algorithm for speckle reduction. Clear and detailed imaging for better diagnostics; also works in post processing – the final touch for optimal imaging quality.
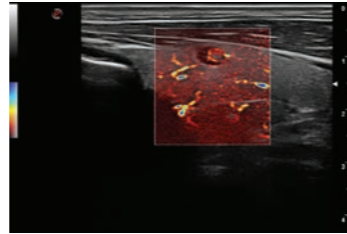
CPI

CPI is a combination of low/ high frequency modulation. Get confident diagnostics for every patient with optimal resolution and better penetration.
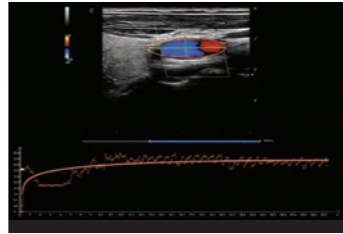
Needle visibility
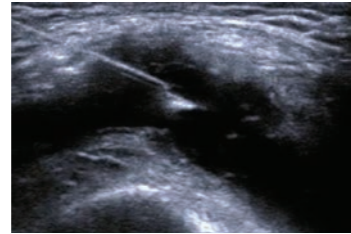
Enhanced and clear visualization of the needle during intervention procedures.
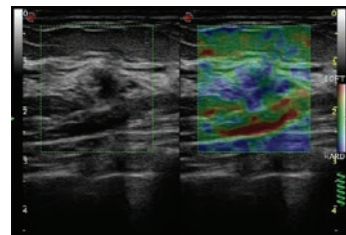
microV

Hemodynamic evaluation with high sensitivity and high spatial resolution for lesion vascularization characterization in all clinical applications, rapid and non-invasive.
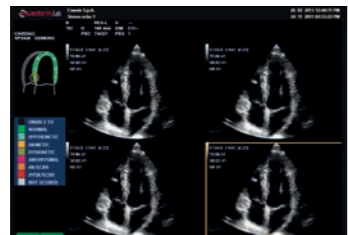
Q-Pack

Q-Pack is the new multi-modality quantification tool for curve analysis of Contrast Perfusion (Wi/Wo), available in Color, Power Doppler, and CnTI™.
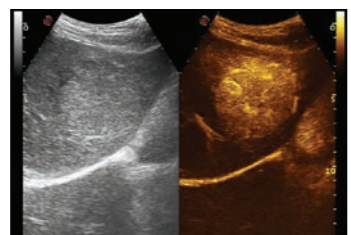
ElaXto

ElaXto is a non-invasive method that supports the physician in assessing tissue elasticity. The differences in tissue responses are detected and visualized in real time.

Stress echo

Complete Stress echo package with flexible and customizable protocols for imaging acquisition and review, also available with LVO.
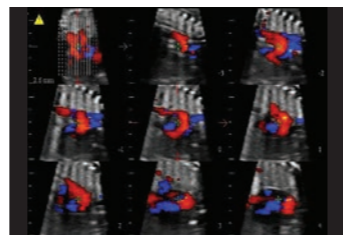
CnTI™

High sensitivity, deep penetration, and high resolution are common characteristics of CnTI™ Contrast Enhanced Imaging technology for improved diagnostic performance.

XLight

Advanced algorithm to improve volumetric rendering quality.

XSTIC

Fetal XSTIC reconstruction software dedicated to the B-Mode volumetric reconstruction and the color/ power of fetal cardiac cavities.
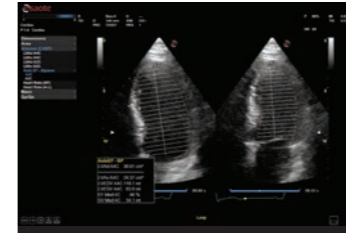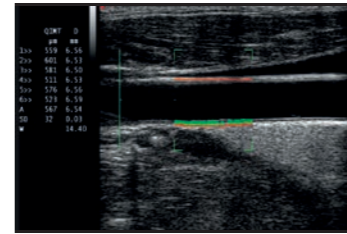
AutoNT

Automatic measurement of Nuchal Translucency (NT).
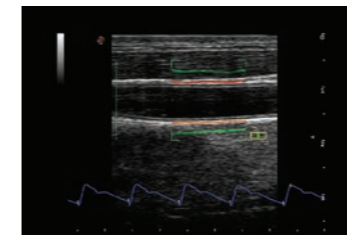
AutoEF

Automatic measurement of the Ejection Fraction (fully automated).
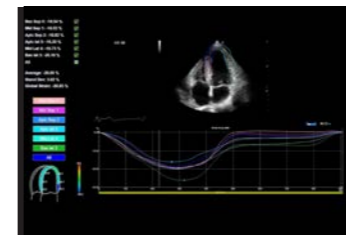
QIMT

Automated real-time detection of Intima Media Thickness, including standard deviation and reliability index, based on RF signal analysis.
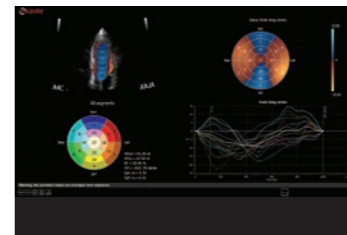
QAS

RF data technology makes it possible to measure carotid wall stiffness automatically and accurately, and automatically calculate the PWV, CC, AI, α, β indexes.

XStrain™

Global strain bullseye (17 segments) as a result of the 3 apical GLS outcomes. Same strain palette as XStrain4D.

XStrain4D

XStrain4D is speckle tracking technology which provides a volumetric model of the heart's function and a bullseye report.

Broad connectivity options

In a fast-changing world where the value of information is increased by the possibility of sharing it, the highest level of clinical data management has to be offered to meet **today's medical needs**. The worldwide medical imaging community has entered a new era of **communication opportunities**. Based on Windows™ 10, these developments enable imaging professionals **to reach diagnoses more effectively and efficiently**, which can in turn raise the level of overall healthcare provided.

- **DICOM connectivity (including Query/Retrieve)**
- **Multi-modality archive**
- **Wireless connectivity**
- **MyLabTablet**

Connectivi

Large probe portfolio

Transducers are the core of ultrasound technology. Integrating physics, electronics and geometrics into their design is **the greatest engineering challenge** of the signal processing chain.

Thanks to the innovation of quality gold standard ultrasound transducers, iQProbes contain state-of-the-art Esaote technology.

- **Active matrix composite material**
- **Single crystal**
- **Multiple adaptive layers**
- **Bi-con geometric lens**
- **appleprobe design**
- **Extensive use of applications with extended wideband convex, linear, phased array, volumetric, intraoperative and special transducer shapes.**

Applications

General imaging

Esaote's new MyLab™X7 covers all clinical needs, from abdominal to endocrinological applications, to establish a diagnosis and provide the best possible therapy and follow-up.

Cardiovascular

MyLab™X7 is equipped with comprehensive cardiac and vascular configurations.
It is a complete system for any cardiovascular ultrasound exam featuring customizable measurements and reporting.

Women's health

The convex and endocavity probes provide excellent image quality for women's health applications.
The 3D convex probe can also be used for standard examinations.

Point of Care

MyLab™X7 brings a high level of automation and ergonomics to any point of care setting, thereby improving workflows and reducing examination time.

Shared service

Esaote's new MyLab™X7 ultrasound platform is designed to support a full range of shared service diagnostic imaging environments, making it a complete solution for handling the most demanding clinical activities.

Ultrasound imaging beyond efficiency

160000158MA Ver. 03

MyLab™**X7**

Please visit us online
for more information

0123