MyLab™ Alpha

Top Performance in Action

CrystaLine

"Never confuse movement with action"
Ernest Hemingway

esaote

CrystaLine

Improved imaging in difficult to scan patients

Major technical improvements provided by CrystaLine include the **CPI Technology** to increase depth of field, improving the imaging of deep structures in difficult-to scan individuals.

Adjustable imaging by the operator

The new **XView+ speckle reduction** technology which can be adjusted by the operator is now available with CrystaLine. It produces an optimal personalized image for every single clinician in a wide range of applications.

Increased Diagnostic Confidence

CrystaLine demonstrates extended configuration features, giving the physician the possibility to best perform in advanced procedures. It incorporates innovative solutions that now enable clinicians to confidently use ultrasound in several examinations.

Optimised Workflow

CrystaLine is aiming on reduced examination time and better workflow by means of a wide range of automatic process functions for Imaging, Doppler, Post-Processing, Measurements, Archiving and Connectivity.

eHD Technology

eHD is the Esaote technology to innovate ultrasound imaging and improve the systems' use.

It represents our attention to the diagnostic value, optimizing all the aspects of the chain a signal has to travel through, starting from the echo generated by the patient's body up to the arrival on the system's monitor. It maximizes the efficiency of ultrasound scanning, leaving the sonographer free to concentrate on the patient.

The quality that improves your diagnostic confidence.

MyLab™Alpha

iQProbes

- Active Matrix Composite Material
- Multiple Adaptive Layers
- Bi-Con Geometric Lens
- Heating Efficiency Control

MyLab™Alpha offers a wide range of iQ Probes

In addition to convex, linear and phased array, several special probes (such as endocavity, trans esophageal, intraoperative, volumetric, etc.) can be connected.

Esaote appleprobe,

an innovative approach in ergonomics

The appleprobe keeps hand and wrist in their natural alignment distributing the grip throughout the whole hand as One grips an apple. You can relieve tension on the fingers and the wrist, when not scanning, simply by keeping the probe between the fingers.

The appleprobe has been designed for both grip:
- innovative palm hold
- conventional pincer hold

reddot design award
honourable mention 2008

INTERNATIONAL DESIGN EXCELLENCE AWARDS '08
SILVER

Top Performance Ultrasound, anytime and anywhere

MyLab™Alpha has been designed to deliver top performances and high dynamism in a very reduced size and weight.

Thanks to the eHD technology this system provides

fast, optimized data transfer, which leads to an improved user comfort and clinical outcome as well as department throughput and competence.

MyLab™Alpha

eTouch

A standard ultrasound system becomes a personal application-specific diagnostic tool.

Customized settings and multiple functions can be organized according to clinical practice and preferences and then easily recalled by just pressing a button.

Unparalleled throughput

eHD Technology

CrystaLine

The intelligent software and large sized touch-screen allow unique features to be delivered with MyLab™Alpha. The Productivity-Oriented Platform is the core of the architecture: easy access, customized settings and functions, standardized clinical protocols and immediate settings.

eTouch

By pressing the eTouch button, the user can display the controls and functions that he really needs in clinical practice: improved comfort and reduced examination time.

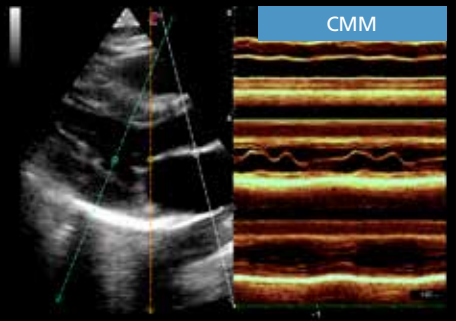
eTouch dedicated session allows the user to record different macros. Based on any single user's needs and preferences, multiple functions can be included with just one touch: less keystrokes and faster diagnosis.

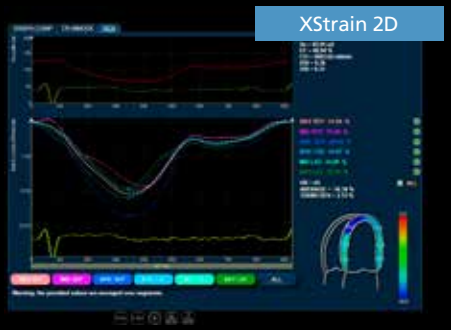
SmarTouch

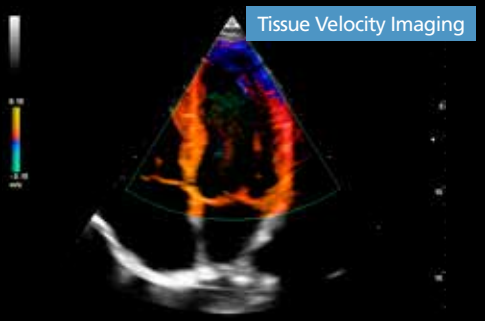
Wide ranging image settings, user preferences and clinical targets, normally require time and attention. Smart-touch delivers dedicated settings for any anatomical district. Optimal images are displayed with just one touch.

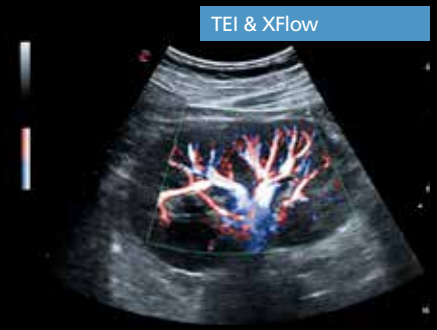
Exclusive Premium Performance

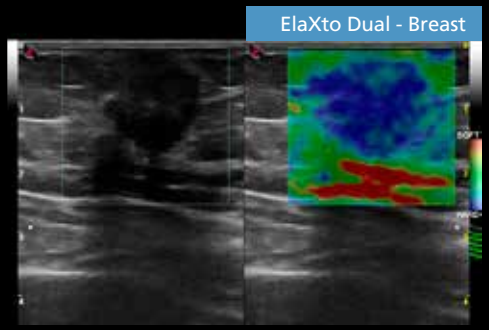
MyLab Alpha

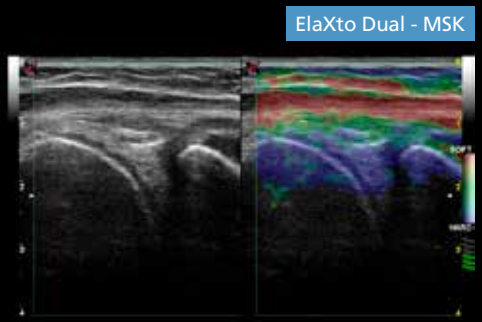


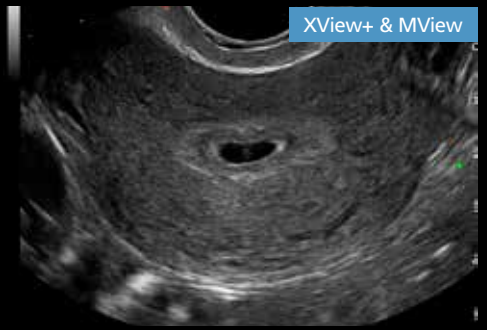


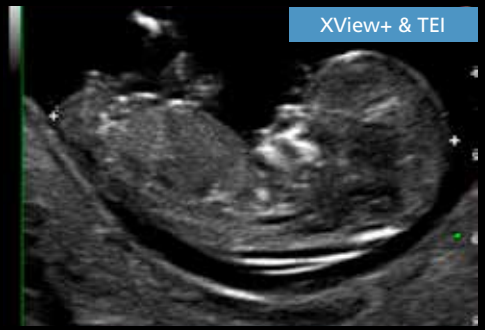












Never Seen on a Portable System

CrystaLine

eHD Technology

The powerful MyLab™Alpha platform delivers features and performance never seen on a portable system, to deliver reliable diagnosis at the point-of-care and portability without compromises.

Xstrain 4D

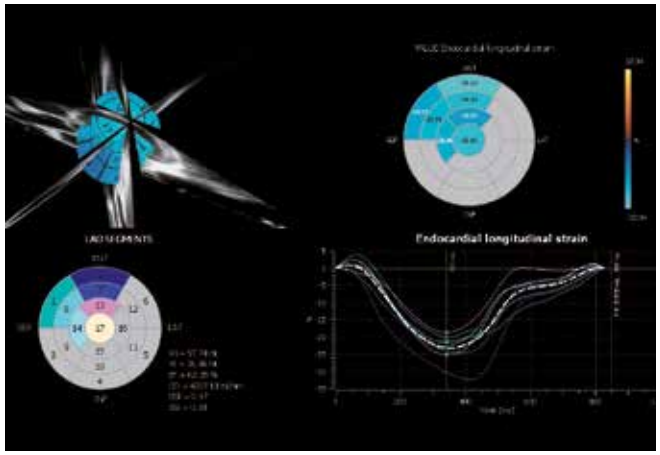
By combining XStrain analysis of standard apical views (2Ch, 4Ch, ALAX), **XStrain 4D** provides complete volumetric assessment of left ventricle. Global and regional curves as well as strain/strain-rate and volume measurements may be easily and quickly displayed.

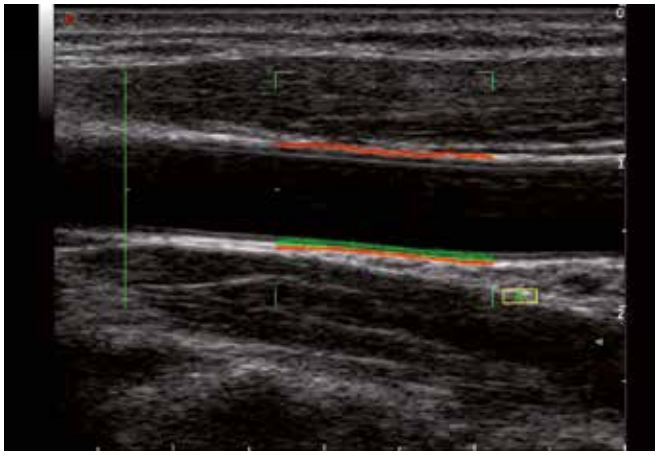
RFQIMT

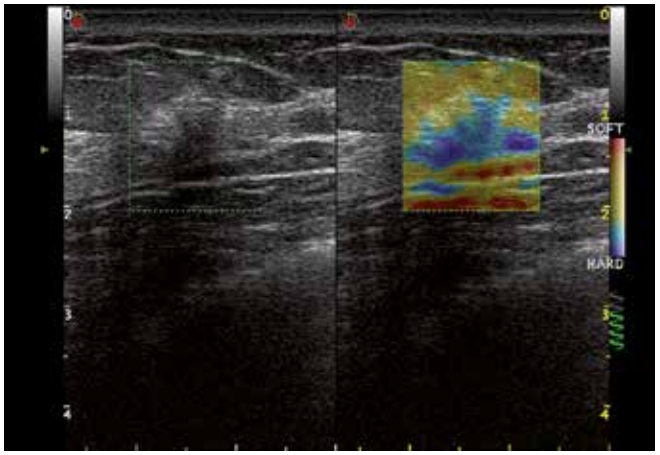
RFQIMT (Quality Intima Media Thickness) is based on the innovative Esaote's RF-data technology.
Accuracy, ease of use, real-time feedback, graphs and report are part of this innovative package for early-diagnosis clinical practice.

ElaXto

ElaXto is a non-invasive method to support the physician in assessing tissue elasticity.
The differences in tissue responses are detected and visualized in real-time to help the physicians in the daily clinical routine.
iQ Probes' high sensitivity increases exam reproducibility and reduces operator dependence.







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Flexibility

- Easy Portability
- Innovative “ready-to-go“ solutions
- Comfortable workstations
- Wide range of accessories

MyLab Alpha

Wireless Ultrasound

eHD Technology

CrystaLine

- Extended export capability to PC (Windows®, Mac®) and mobile devices (tablets, smart-phones, etc…)
- Easy networking, standard and wireless
- DICOM and IHE compliance

Mylab App

The new app to visualize images and videos on mobile devices

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www.esaote.com

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MyLab Alpha

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WITH eHD Technology

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MORE Efficient Healthcare