

Discover the **Power of Touch**

MyLabClass C





Monitor orientation and articulated arm

ECG cable and connectors holders

Customizable probe holders

Your Comfort with a Touch

Simplicity

Whenever physicians think of a high-level cardiovascular ultrasound systems, they ask for up-to-date platforms, with high-performance and advanced on-board technologies as well as simplicity and ease of use.

MyLabClassC has been designed based on these key concepts in order to deliver a reliable diagnosis and to ensure every day productivity.

With just one glance you will understand how **MyLabClassC**'s simplicity has never been seen before on such a high level ultrasound scanner.

Ergonomics

High performance does not always mean large and stationary systems. A particular effort has been made in order to reduce size and to increase the new **MyLabClassC**'s ergonomics.

This has led to a compact and agile system, which is easy to move and is able to adapt to any kind of environment, including most critical ones such as interventional and the operating rooms.

The height-adjustable and rotating keyboard, as well as the multiplane-articulated monitor arm, allow for optimal positioning at all times.



OptiLight

Optimal lighting has always been a crucial factor for ultrasound imaging. The latest LCD Monitor Technology allows images to be clearly displayed under any condition. MyLabClassC also introduces an additional unique feature: Opti-Light.

This feature, thanks to a light point behind the monitor, allows the operator to control the room's lighting level directly from the system, through the especially designed controls located on the touch screen.

Optimized working conditions, better users' comfort and improved patient care.

Multifunction Touch Screen

Too bright
in the room

Optimized
lighting

Too dark
in the room

Touch Screen

The large high-quality touch screen is well positioned near the most important working area of the control panel. This touch-screen allows all mode-dependent parameters to be clearly displayed and changed with one simple touch.

Easy
Control panel

Keyboard rotation and
height adjustment

Prevention and Quantification with a Touch

PREVENTION
Success

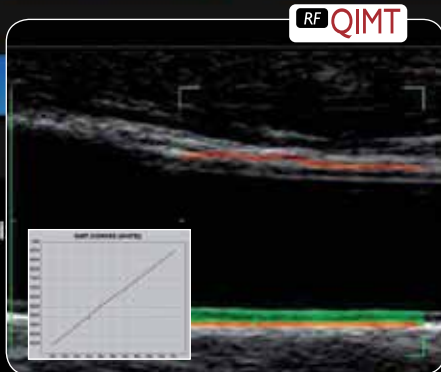


RF QIMT

Quality Intima Media Thickness

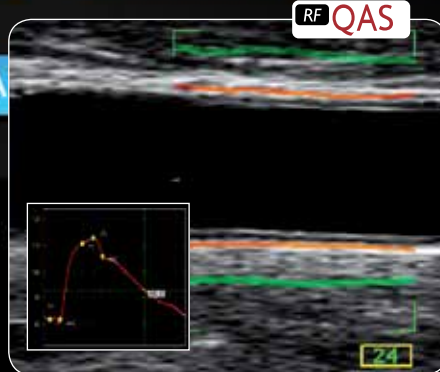
RF QAS

Quality Arterial Stiffness



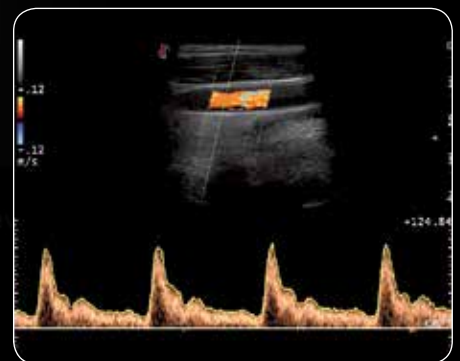
RF-QIMT

RF-QIMT targets the blood vessel thickness measurement of an area of the Carotid artery's which is selected for the investigation. Its ease of use combined with real time quality feedback, helps the operator to achieve accurate and reproducible results. The measurements (even when taken at different examination times) can be reported on a normalised graph displayed with plot indicators that will assist physicians in their diagnostic and therapeutic procedures.



RF-QAS

RF-QAS targets the blood vessel stiffness measurement of an area of the Carotid artery. Blood vessel's wall stiffness is expressed as pulse wave velocity obtained from brachial blood pressure and the accurate measurements of vessel's diameter. Local blood pressure at the site of the ultrasound measurement is also calculated on the basis of sophisticated algorithms and large clinical trials.



AutoAdjust and Automatic Doppler Measurement

Doppler's profile quantification is definitely an important issue in cardiology as well as in vascular ultrasound examinations. Once the volume sample has been placed and the Doppler trace is displayed on the monitor, the user will be able to select the real-time assessment of all key clinical parameter by enabling the ADM function. When working with freeze-frame mode is preferred, you can still trace Doppler contour and track maximum, mean or minimum values automatically. Features like EF Calculation and ADM (automatic measurement) provide quantification of important clinical parameters in a short time. This allows for faster screening and accurate patient management in case of potential diseases that may be further investigated.

ATTENTION

XStrainTM
2D Speckle Tracking



CFI
Coronary Flow Imaging

Laser Stress XStrain 3D Pan

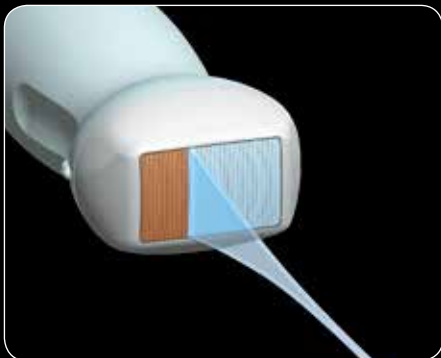


Clear Measure

Orientation

Clear Text

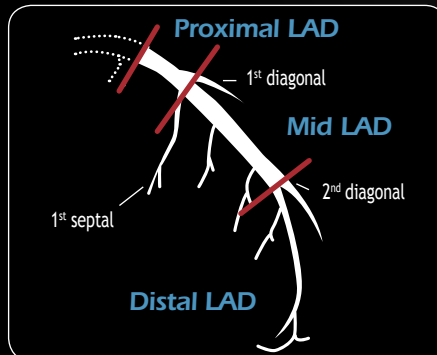
Reverse



iQ Probes

The primary component in the Signal Processing Chain leading to the final ultrasound diagnostic image is the transducer. The material's design and the technology employed to manufacture an ultrasound transducer are the key factors in determining the system's image quality. **iQProbe** represents Esaote's state-of-the-art Technology thanks to its innovative gold standard ultrasound transducers. Designed to improve performance and ergonomics, **iQProbe Technology** is based upon:

- an innovative **Active Matrix Composite Material**
- a **Multiple Adaptive Layers Solution**
- **Structure Filling Material**
- **Intelligent Geometric Lens**

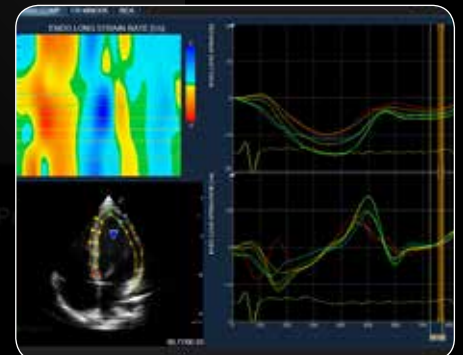


CFI

Coronary Blood Flow characteristic's assessment is meaningful also regarding basal cardiac activity without any externally induced cardiac stress.

When CFI Colour Doppler preset is enabled, the signal coming from the coronary artery blood flow is optimized against many concomitant velocity components of blood flow present within the heart ventricles and atria.

The combination of Cardiac iQ-probe and the dedicated CFI (Coronary Flow Imaging) preset offer a superior performance in CFM/PW modes for the detection and measurement of Coronary Flows.



XStrain

XStrain is a non-invasive tool for an enhanced investigation of the myocardial function, allowing to explore and quantify aspects of the heart's physiology which were not detectable or quantifiable with previous ultrasound technologies. Myocardial velocity, myocardial strain and strain rate can detect pump function's early impairment (assessed as ejection fraction or stroke volume). As it relies on angle-independent technology, **XStrain** allows to assess both right and left ventricle contractibility. **XStrain** provides an innovative tool for the mechanical assessment of the heart's wall motion. It can therefore provide quantitative support for standard echo examinations and be used to examine and monitor patients in order to identify cardiac wall motion early change signs.

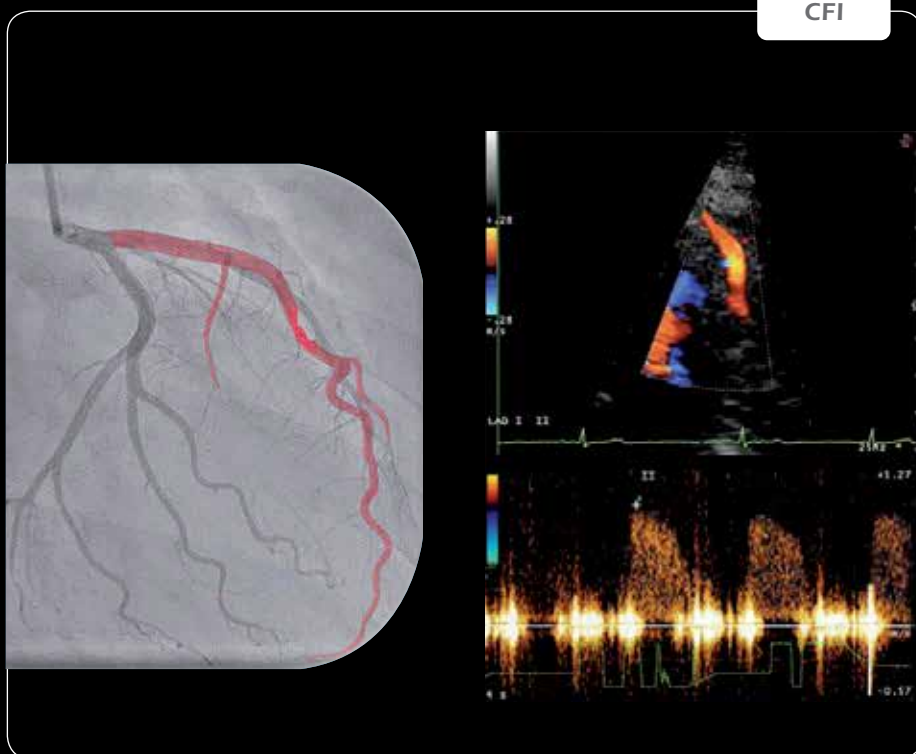


iQProbes

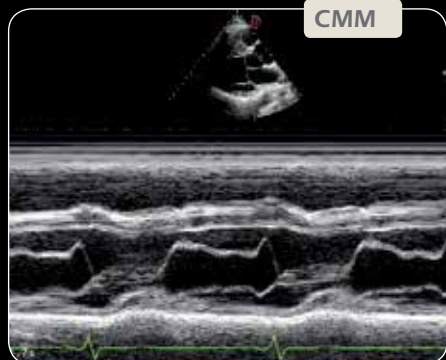
XView



CFI



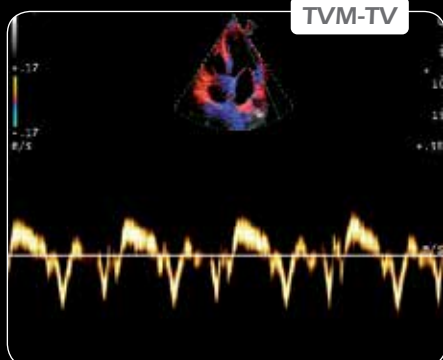
CMM



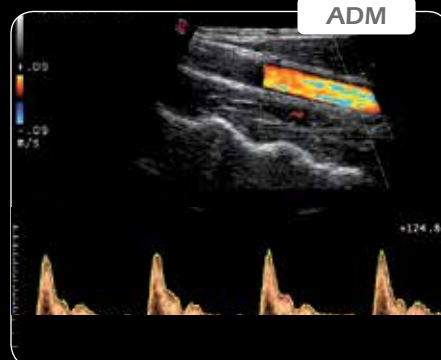
TEE



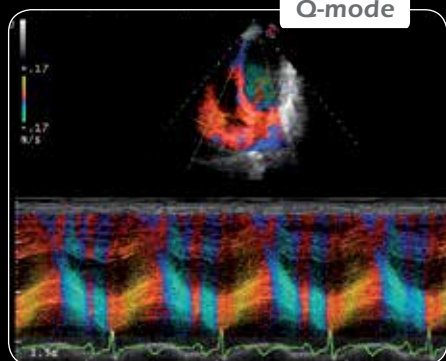
TVM-TV



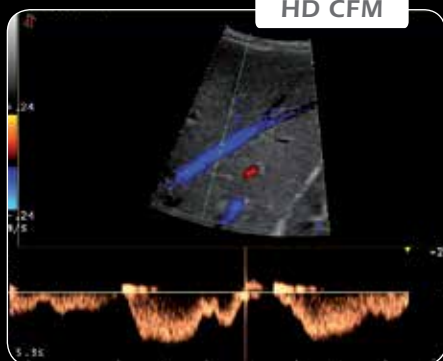
ADM



Q-mode



HD CFM

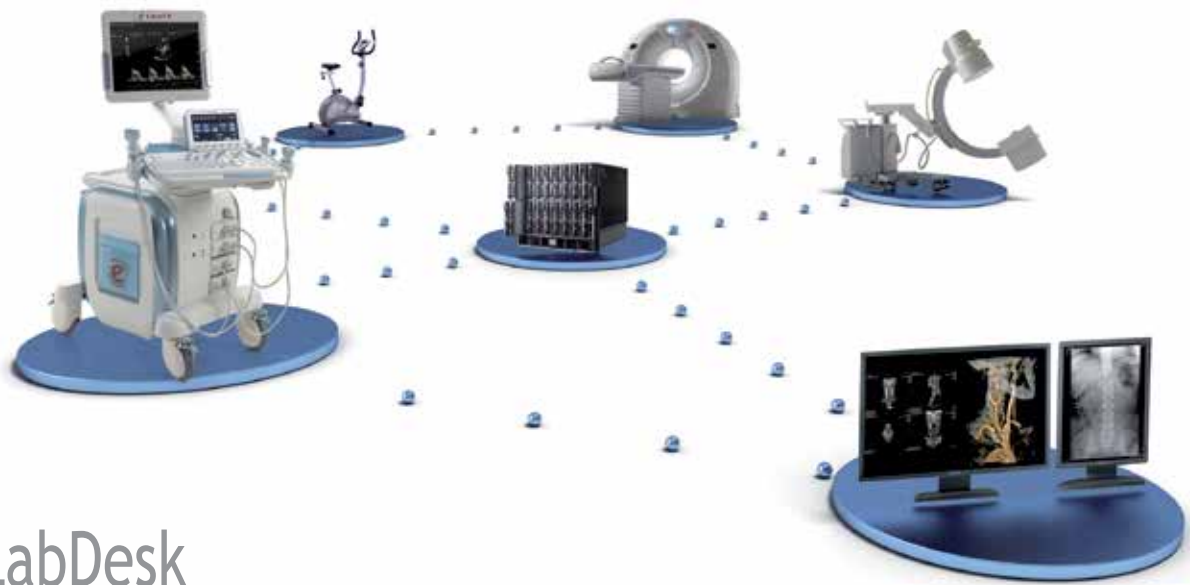


3D



Integration with a Touch

Data management is very important today, both for users' comfort and patient care. Esaote offers an efficient solution for any need and any environment, ranging from stand alone workstation up to complex modular architectures.



MyLabDesk

A flexible way to connect your MyLab to the PC, easily!

MyLabDesk is Esaote's answer to its user's need for a simple and straightforward way to archive, review, post-process, report or print their MyLab examinations on a PC from the comfort of their (home) office or while travelling. MyLabDesk provides the means to increase workflow and productivity in private offices, as well as in clinics and hospital departments.

- Archive, review and post-process examinations performed with the MyLab ultrasound systems.
- Import Esaote native file formats via USB, CD/DVD and network.
- Perform general and application-specific measurements.
- Review, change and print the examinations (reports and images).
- Export data using PC's standard features, i.e. burn on a CD/DVD, email, etc.





MyLabTMClass C



Specifications subject to change without notice
Information refer to products or modalities not approved in all countries.
For further details, please contact your Esaote sales representative.



Esaote S.p.A.

International Activities: Via di Caciolle, 15 50127 Florence, Italy, Tel. +39 055 4229 1, Fax +39 055 4229 208, international.sales@esaote.com

Domestic Activities: Via A. Siffredi, 58 16153 Genoa, Italy, Tel. +39 010 6547 1, Fax +39 010 6547 275, info@esaote.com

FRANCE

Esaote Medical SAS

ZA du Bel Air
10, rue de Témara, 78105 Saint Germain en Laye
Tel. +33 1 8204 8900, Fax +33 1 3061 7210
info@esaote.fr

BRASIL

Esaote Healthcare do Brasil

Rua Geraldo Flaussino Gomes, 78
CEP: 04575-060 São Paulo - SP
Tel. +55 11 2789-0400 Fax +55 11 2789-0432
comercial@esaote.com.br

GERMANY

Esaote Biomedica Deutschland GmbH

Max-Planck-Straße 27a
50858 Köln
Tel. +49 2234 688 5600, Fax +49 2234 967 9628
info@esaote.de

ARGENTINA

Esaote Latinoamérica S.A.

San Martín 551, Cuerpo 'C', Piso 8, (C1004AAK)
Buenos Aires
Tel. +54 11 4326 1832, Fax: +54 11 4328 1245
info@esaote.com.ar

SPAIN

Esaote España S.A.

Avda San Sebastian, s/n
08960 Sant Just Desvern, Barcelona
Tel. +34 93 473 2090, Fax +34 93 473 2042
info@esaote.es

INDIA

Esaote Asia Pacific Diagnostic Private Limited

DLF IT Park, A - 44 & 45, Tower- C, Ground Floor,
Sector- 62, Noida, Uttar Pradesh, India
Pin Code: 201 301
Tel. +91 120 4732444, Fax +91 120 4750148
info@esaote.in

THE NETHERLANDS AND BELGIUM

Esaote Benelux B.V.

Philipsweg 1
6227 AJ Maastricht
Tel. +31 43 3824650, Fax +31 43 3824651
benelux@esaote.nl

HONG KONG AND FAR EAST

Esaote China Ltd

18/F, 135 Bonham Strand Trade Centre,
135 Bonham Strand, Sheung Wan, Hong Kong
Tel. +852 2545 8386, Fax +852 2543 3068
esaote@esaotechina.co

UK

Esaote UK

14, Cambridge Science Park
Milton Road, Cambridge, CB4 0FQ
Tel. +44 1223 424499, Fax +44 709 288 0231
infoUK@esaote.com

CHINA

Esaote Shenzhen Medical Equipment

Room 2608, Tower B
Beijing Global Trade Center
36 North Third Ring Road East,
Dongcheng District, 100013, Beijing
Tel. +86 010 58257766, Fax +86 010 52257760

NORTH AMERICA

Esaote North America

8000 Castleway Drive,
Indianapolis, IN 46250
Tel. +1 317 813 6000, Fax +1 317 813 6600
inquire@esaoteusa.com

RUSSIAN FEDERATION AND CIS

Esaote S.p.A.

18 Leningradsky prospekt
Off. 5 and 6, Moscow 125040
Tel. +7 495 232 0205, Fax +7 495 232 1833
esaotemoscw@yandex.ru