



Image quality in a compact design

A woman with dark hair pulled back, wearing a white lab coat over a black top, stands with her arms crossed. In the background, a computer monitor displays a blurred interface. The text 'MyWork' is overlaid on the right side of the image.

MyWork

MyPatient

MySystem

MyLab

MyLabTMSix
CrystaLine

- Penetration and details as never seen before
- Maximisation of signal information
- Enhanced diagnostic value
- Low power consumption
- More efficient healthcare



Outstanding image quality



Large probe portfolio



Ergonomics and ease of use



Broad connectivity options



Customisable workflow



Italian design

Outstanding image quality

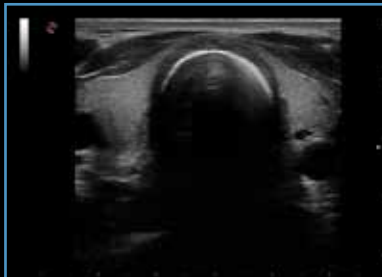


Difficult-to-scan patients are quite common in today's echo labs. The Esaote MyLabSix CrystaLine upgrade addresses these challenges by offering better penetration, optimal image contrast, increased spatial resolution and less speckle artefacts.

Top-level image quality and haemodynamics evaluation tools.



XView Adaptive image enhancement



MView Multi-beam/Multi-angle insonation technology

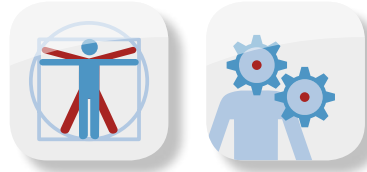


HD CFM High sensitivity and spatial definition Color Doppler



XFlow Advanced Hemodynamic visualization technology with spatial resolution

Ergonomics and workflow



Reducing ultrasound examination time is a compelling request in sonographers' everyday work. Besides this, the numerous repeated actions performed during an examination can lead to work-related musculoskeletal disorders.

Our solution:

Augmented ergonomics tools.



High-definition Touch Screen



Protocols



@Touch



Smartouch

- **High-definition touch screen** in order to reduce repetitive distant movements up to 40%
- **Advanced AutoAdjust** for image gain and TGC adjustment with a simple touch of a button
- **eTouch** for having a task recorder working as a macro machine
- **Smartouch** for having quick access to multiple setting adjustments in real time, directly on the interactive touch screen
- **Protocols:** user-defined set of actions suitable for reducing the number of keystrokes

Large probe portfolio



During the real-time acquisition, the ultrasound probe is a continuously handled interface for the operator which can lead to hand stress and fatigue.

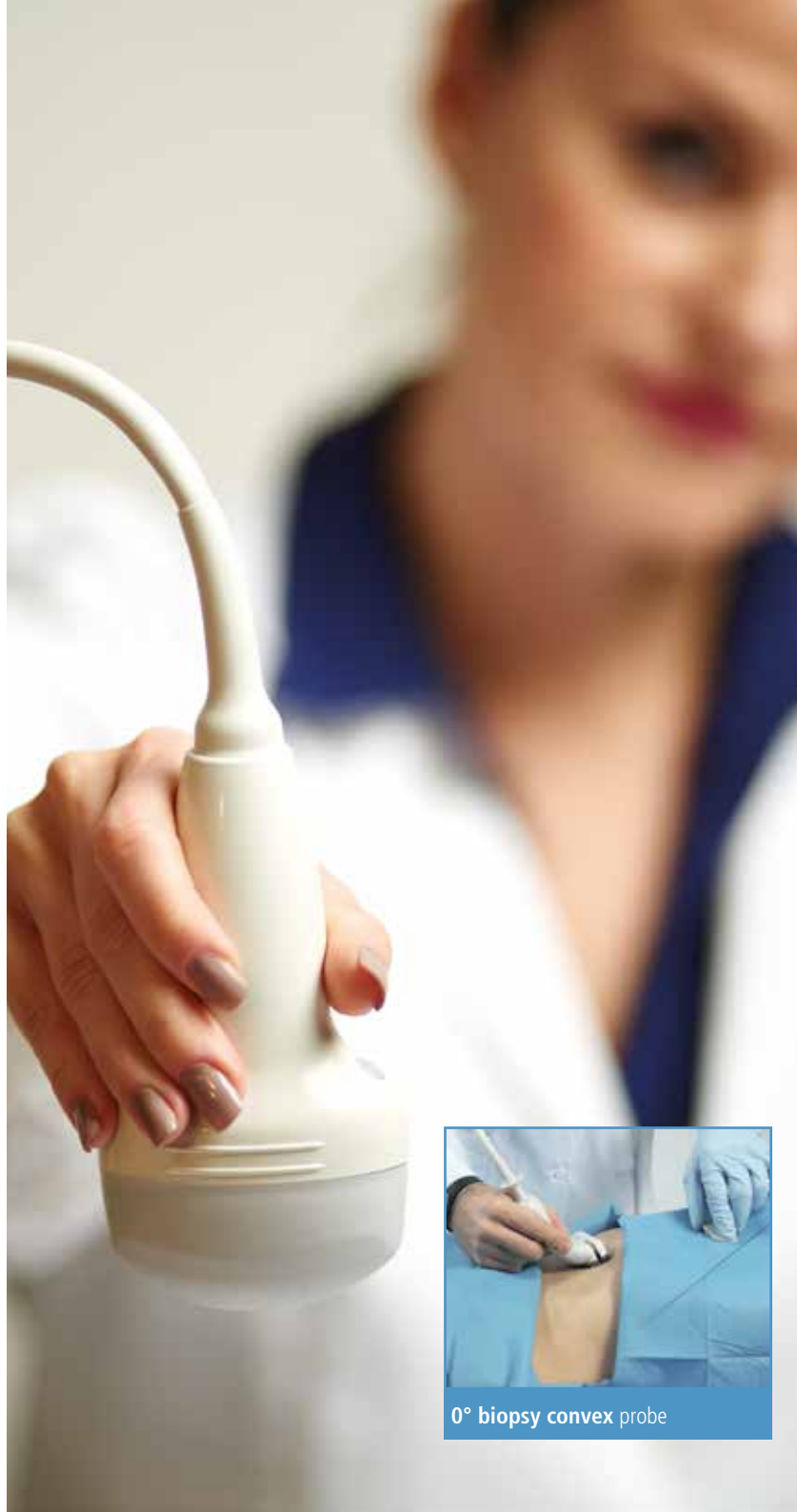
Our solution:

Enhanced ergonomics probe solution.

- **Lightweight** and with **appleprobe ergonomics**
- **Reduce muscle strength** up to 70%
- **Increased confidence**



Hockey stick probe



0° biopsy convex probe

Broad connectivity options



All our systems are equipped with wired and wireless connectivity for easy networking and patient management.

Extensive connectivity technology

- Easy networking
- DICOM and IHE compliance
- **MyLabDesk³** software for comfortable image review and reporting on your laptop or PC



MyLabDesk³

Italian design options



Esaote systems are being developed in Italy, recognised as a **worldwide trendsetting** location for (industrial) design.

Innovative and efficient design

- Unique architecture
- Original Italian concept



appleprobe

The consistent solution for...



Less examination time



Increasing number of patients



Numerous repeated actions

General imaging

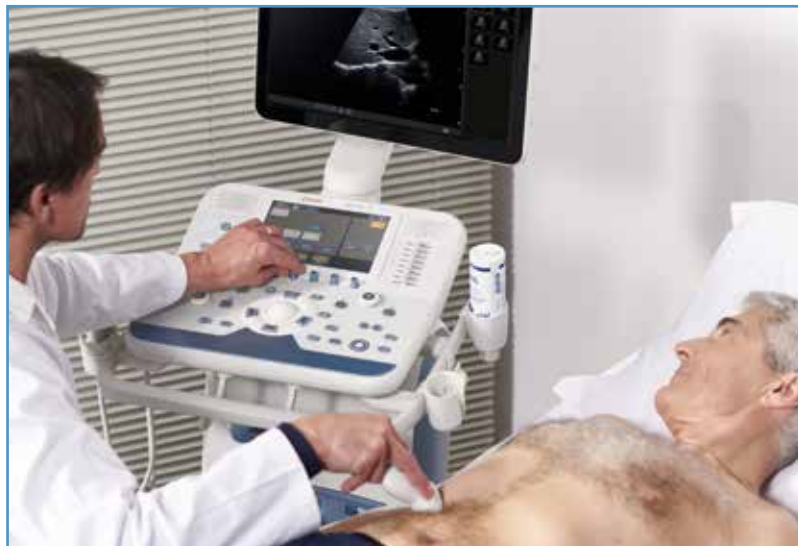


Advanced diagnostic tools:

- VPan: Extended field-of-view imaging
- Needle enhancement for clear visualisation of needle insertion and path
- 3D/4D reconstruction software with multiple volume management and dedicated tools

Large selection of probes:

- Convex array probes for difficult-to-scan patients
- Linear array probes from 3 to 22 MHz
- Biopsy-dedicated convex probe with 0°, 5°, 15° needle insertion angle
- Transrectal dual array and endocavity probes
- Microconvex array probe



MSK

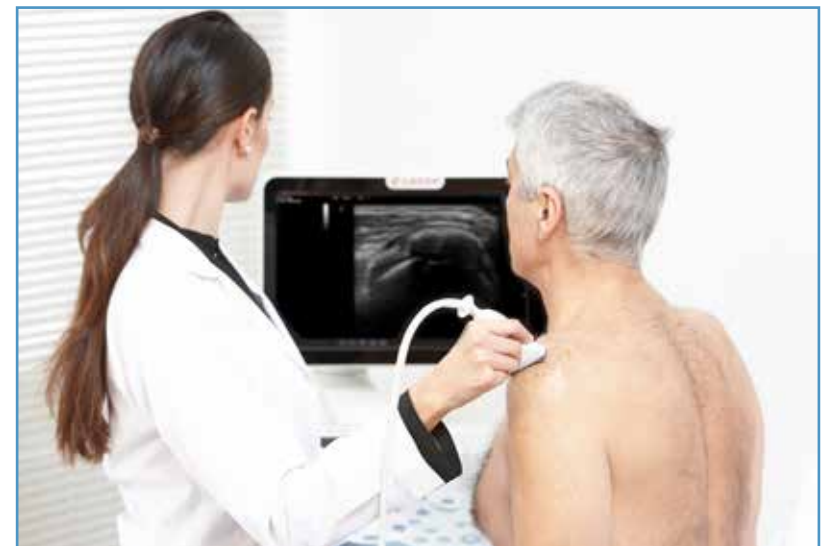


Advanced diagnostic tools:

- Needle enhancement for clear visualisation of needle insertion and path
- VPan: Extended field-of-view imaging

Large selection of probes:

- Linear array probes from 3 to 22 MHz
- High-frequency hockey stick probe



Obstetrics and Gynaecology



Advanced diagnostic tools:

- 3D/4D reconstruction software with multiple volume management dedicated tools
- TMI (tomographic imaging) for multiplane view of the reconstructed volume
- TSI (thick slice imaging) to enhance a selected portion of the full reconstructed volume
- VRA (volume rendering analysis) for 3D measurements and evaluation

Large selection of probes:

- Convex array probes for difficult-to-scan patients
- Biopsy-dedicated convex probe with 0°, 5°, 15° needle insertion angle
- 3D convex lightweight probe
- 2D and 3D endocavity probes



Cardiology and Vascular



Advanced diagnostic tools:

- TVM (tissue velocity mapping)
- CMM (compass M-mode) on multiple view lines
- QIMT: Radiofrequency-based IMT for real-time quality measurement assessment and top precision
- Stress Echo for cardiac function assessment during stress (prospective/retrospective/continuous capture)
- Respiratory trace ECG-derived data ready for the most demanding cardiac measurements
- XStrain 2D and 4D off-line (through MyLabDesk³) speckle tracking for myocardial strain and strain rate assessment

Large selection of probes:

- Phased array probes for adult and paediatric patients
- TEE probe
- Linear array probes from 3 to 22 MHz
- Microconvex array probe
- High-frequency hockey stick probe
- Doppler pencil probes with low, mid and high frequency TCD examination





MyLabSixTM CrystaLine

Thank you for considering Esaote

Where listen to your needs and work every day to provide the most advanced technologies and the most innovative design for you to excel in the care of your patients



0123

Esaote S.p.A.

Via di Caciolle, 15 50127 Florence, Italy, Tel. +39 055 4229 1, Fax +39 055 4229 208, international.sales@esaote.com
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 Témar, 78105 Saint-Germain-en-Laye
Tel. +33 1 8204 8900, Fax +33 1 3061 7210
info@esaote.fr

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

SPAIN
Esaote España S.A.
C/ Pont Reixat, 5
08960 Sant Just Desvern, Barcelona
Tel. +34 93 473 2090, Fax +34 93 473 2042
info@esaote.es

THE NETHERLANDS AND BELGIUM
Esaote Benelux B.V.
Philipsweg 1
6227 AJ Maastricht
Tel. +31 43 3824650, Fax +31 43 3824651
benelux@esaote.nl

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

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

BRAZIL
Esaote Healthcare do Brasil
Rua Geraldo Flausino Gomes, 78
CEP: 04575-060 São Paulo - SP
Tel. +55 11 2789-0400 Fax +55 11 2789-0432
comercial@esaote.com.br

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

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

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.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

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

Technology and features are system/configuration dependent.
Specifications subject to change without notice. Information might refer to products or modalities not yet approved in all countries.
For further details, please contact your Esaote sales representative.

Please visit us online
for more information

