Esaote Breast Suite

Where Expertise Meets Care



esaote
HEALTH WITH CARE

Where Expertise Meets Care

When it comes to breast care, uncertainty can pose challenges. That's why clarity is essential. We recognise the importance of providing accurate answers as soon as possible to help clinicians guide patients with confidence, ensuring peace of mind.

Our advanced breast ultrasound solutions support radiologists throughout the diagnostic journey, from detecting lesions and assessing morphological aspects to monitoring treatment response and follow-up, enabling more informed decisions and personalized patient management.

Image Quality

AI-Assisted Assessment

Streamlined Workflow

Advanced Features



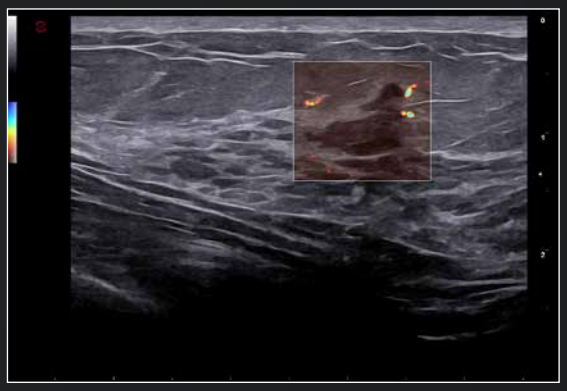
Maximum Clarity for Every Breast

A breast ultrasound is a particularly demanding procedure due to the natural variability of breast tissue. Every woman is different, and so is every examination. Differences in density, composition, and structure can complicate image interpretation, so clarity and confidence are essential for every decision you make.

That is why we focus on supporting you with high-quality images that enable precise and reliable diagnostic assessments, even in the most challenging cases.



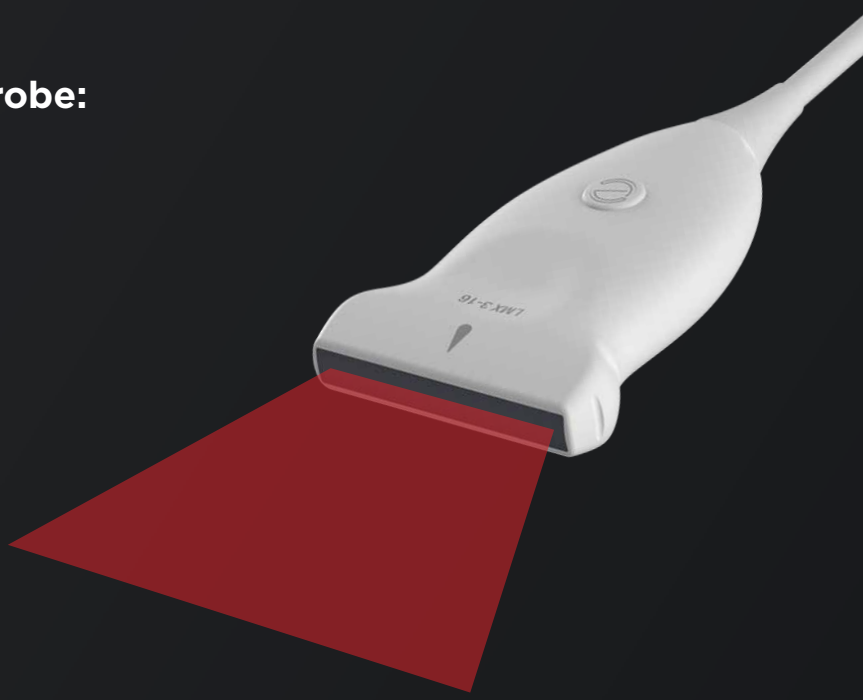
B-Mode image of the breast with LMX 3-16



Breast with microV technology

Breast-dedicated linear probe: a closer look

- ✓ High-frequency transducer
- ✓ Wide-footprint extended view
- ✓ Enhanced contrast
- ✓ Deep reach



Your Breast Examination Empowered by AI

Your commitment to accuracy has inspired us to develop AI-powered tools to help you work more efficiently and stay focused while supporting confident clinical decision-making.

The Breast Scan Assistant (BSA) is designed to support you by operating quietly in the background of your clinical workflow. During the examination, it draws your attention to areas that may require closer inspection, making it easier for you to remain focused throughout the scan. With you at every step, it acts as a supportive companion, enhancing your awareness without disrupting your clinical judgment.



Breast Scan Assistant (BSA) technology on a benign lesion



Breast Scan Assistant (BSA) technology on a malignant lesion

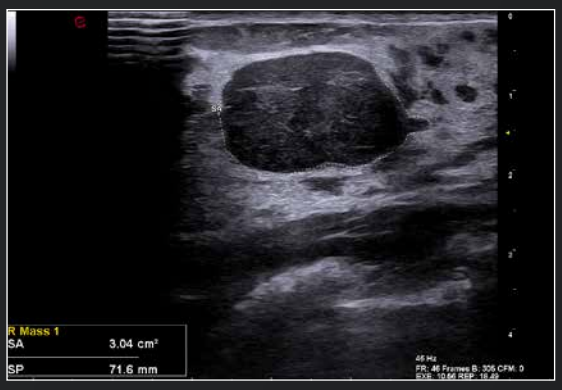


"AI doesn't replace expertise—it amplifies it, enhancing daily workflow and reinforcing diagnostic confidence."

Prof. Massimo Calabrese
Director of Oncological and Senological Radiology Department, San Martino Polyclinical Hospital, Genoa, Italy

As radiology workloads increase, repetitive tasks can take valuable time away from clinical decision-making. Our AI-powered eDetect technology simplifies routine processes by identifying and measuring relevant lesions automatically.

Even experienced radiologists sometimes face cases in which lesion characterization is difficult and diagnostic confidence is reduced. Our Breast Mass Analyser (BMA) provides an optimised workflow for breast lesion assessment, with AI-assisted classification support for suspicious masses.



Breast Mass Analyser (BMA) technology

BMA Technology

- Support the characterization of suspicious lesions, according to the BI-RADS® category
- Support clinical decision-making in certain cases, reducing unnecessary biopsies by up to 15%*
- Provide report auto-fill
- Trained by breast experts

***Scan to download the full paper**

Interlenghi M et al. A Machine Learning Ensemble Based on Radiomics to Predict BI-RADS Category and Reduce the Biopsy Rate of Ultrasound-Detected Suspicious Breast Masses. Diagnostics (Basel). 2022 Jan 13;12(1):187. doi: 10.3390/diagnostics12010187.

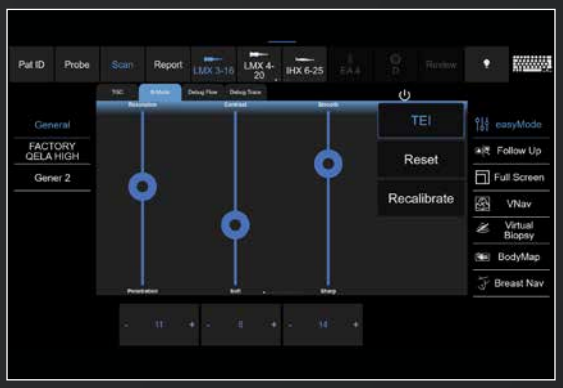
With you in your Daily Breast Examination

Breast examinations require a focused and efficient workflow to maintain consistency and ensure that each step is intuitive. We understand the importance of providing daily support with simplicity and confidence, especially in a demanding clinical environment.

Therefore, we have designed an intuitive interface that brings together everything you need in one place. By supporting you in your daily practice, we aim to make every step smoother, more connected, and easier to navigate.



Breast Interactive Workflow (BIW) technology



easyMode technology

Breast Interactive Workflow

It introduces a dedicated touchscreen interface with a smart, breast-specific dashboard that brings together all relevant information about suspicious areas for quick and intuitive interaction.

easyMode

Quickly and efficiently fine-tune multiple parameters with a unique tool for real-time image optimization.

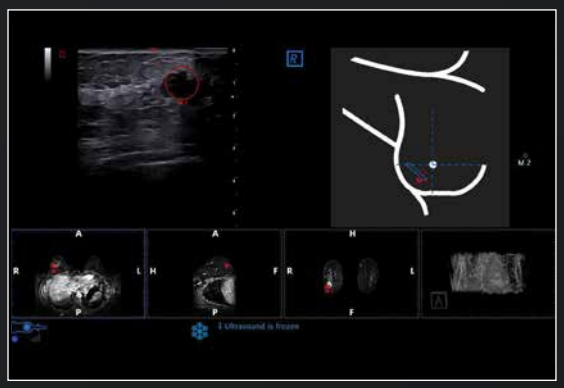
Advanced Features for Precision Breast Imaging

When a standard examination reveals complex conditions, our advanced breast technologies provide deeper insights to support lesion detection, characterization, and follow-up.

- **QElaXto 2D:** a two-dimensional, shear-wave elastosonography technology that enables the accurate mapping and quantification of tissue stiffness, providing additional information on both benign and malignant findings.
- **microE:** enhance the visualization of subtle echogenic spots by highlighting suspected calcifications with intuitive color-coded markers.
- **BreastNav™ and BreastNav™ MRI:** a comprehensive breast imaging package for a multimodality approach. In particular, BreastNav™ MRI provides real-time fusion imaging between prone MRI and supine ultrasound datasets. Powered by AI technology, it enhances second-look examinations and clinical decision-making.



ShearWave Elastography technology


BreastNav™ MRI technology

esaote

160000638 Ver.01

0123

Esaote S.p.A. - sole-shareholder company

Via Enrico Melen 77, 16152 Genova, ITALY, Tel. +39 010 6547 1, Fax +39 010 6547 275,
info@esaote.com - www.esaote.com

MyLab™ is a trademark of Esaote S.p.A. BI-RADS® incorporates the Breast Imaging Reporting and Data System ATLAS of the American College of Radiology, Copyright 1992, 1993, 1995, 1998, 2003, and 2013. The developer of this product is independently owned and operated, and is not an affiliate of the American College of Radiology. The American College of Radiology is not responsible for the contents or operation of this product or its associated software, and expressly disclaims any and all warranties and liabilities, expressed or implied, in connection therewith. BSA is an AI-based solution, delivered by Yizhun technologies (Bejing – China). BreastNav™ and BreastNav™ MRI are AI-based solutions, powered by Medcom GmbH. BMA is an AI-based solution, powered by Deep Trace Technology. AI-based tools are intended to assist, not replace, the clinical judgment of qualified healthcare professionals. Technology and features are device/configuration-dependent. Specifications are subject to change without notice. Information might refer to products or modalities not yet approved in all countries. Product images are for illustrative purposes only. For further details, please contact your Esaote sales representative.

Please visit us online
for more information

Italian design