General Imaging

More than a Portable System

MyLab™25Gold

Sonomedica

esaote

More than Mobile

Setting a new standard: the Premium-performance Mobile

- **A new class of systems:** the Gold Standard in terms of quality and solutions meets the portable ultrasound to deliver unmatched performance, defining a new class of systems.
- **Two electronic connectors:** Two probes simultaneously connected to the systems allow fast selection and activation as well as extended range of applications even in the portable configuration. The high-level of the system ensures probe compatibility with top-end systems.
- **Ergonomic keyboard:** derived by top-end systems, it offers extended control panel and mode-dependent controls, to obtain the best imaging in the shortest time. Ease of use and user's comfort are guaranteed.
- **High performance 15" LCD monitor:** the most recent LCD technologies ensure clear image visualization, low reflection and eyestrain.
- **Integrated Battery:** thanks to the integrated lightweight battery, the high-level features of the MyLab25Gold can be brought where they are needed: innovative workflow and virtual movement of echo-lab near to the patient.

From stationary configuration...

Virtually move your echo-lab to the point-of-care

The new MyLab25Gold is able to perfectly match the latest technological innovations with ease of use and portability.

This new concept reflects and fully satisfies the recent evolution of the users needs: high performance and reliability on top of compactness and portability.

While ensuring very high diagnostic confidence, the new MyLab25Gold offers a wide range of configurations to meet any clinical need and any user preference:

- **Portable:** thanks to the integrated lightweight battery, MyLab25Gold can easily work with full performance even in portable configuration. This feature easily extends ultrasound systems to growing fields, such as Mobile Services, Emergency, CCU, OR, and Anesthesia
- **Multi-site:** mobility is a rapidly growing request both in the private and public environment. MyLab25Gold offers a wide of range of trolleys and accessories providing the freedom to bring complete and reliable diagnostic capability wherever you need and whenever you want
- **Chart-based:** when positioned on the stationary trolley, it offers the consistency of a standard console system, including a large LCD monitor, extended back-lighted keyboard, probe holders and peripheral locations

...to the point-of-care

More than Flexible

Proud to be in the class of Premium-performance Mobile Ultrasound

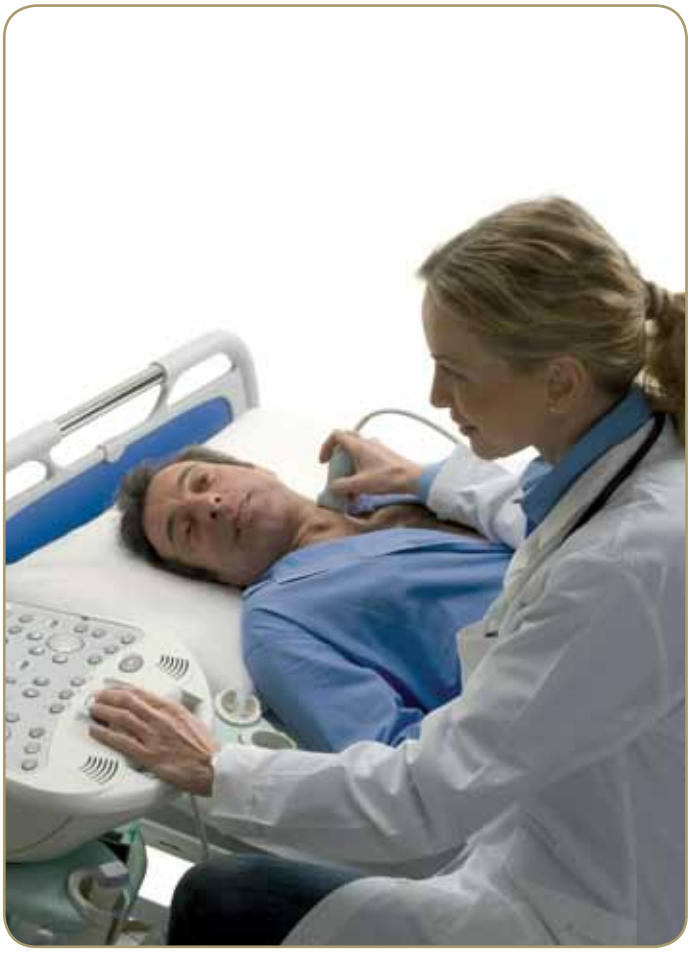
MyLab25Gold represents the optimal solution for the most demanding Shared Service department, covering and satisfying all the clinical needs in:

- Abdominal
- Ob/Gyn
- Small Parts (Breast, Thyroid, ...)
- Musculoskeletal
- Neonatal
- Vascular
- Cardiology

A wide range of transducers provide a specific solution for every single application while advanced image optimization methods (such as XView and MView) ensure clear images even in difficult-to-scan patients.

Dedicated settings and automatic functions help the operator to reduce the time per exam, increasing productivity while maintaining high diagnostic confidence.

Advanced tools provide quantitative information, for diseases scoring, therapy monitoring and patient follow up.



4D Imaging on top of Portability

With the introduction of the MyLab25Gold, Esaote establishes a new standard in the ultrasound portable systems class. In combination with the high-level of performance in general imaging, MyLab25Gold offers an advanced package dedicated to obstetrics and gynecology.

X4D technology provides astonishing volume reconstruction, normally delivered by high-end systems.

A new milestone in the ultrasound world. A new success within the Esaote MyLab™ product line.

X4D

The easy and comprehensive user interface allows immediate elaboration of the acquired data. Multi-planar and tomographic visualization provide better evaluation of shape and dimensions of the reconstructed volumes.

- **An Innovative Solution:** The integrated battery package introduces a new concept of diagnosis near to the patient. The portability of the system allows an innovative solution of sharing the 4D technology among different environments.
- **New 4D motorized probe:** the ergonomic design and the light weight allow the users to scan in 2D as with a standard convex probe. Low noise and vibrations as well as elevate speed of scanning contribute to provide unmatched 3D/4D acquisitions.
- **Data Export:** Just pressing a button, images and clips can be easily archived, printed or exported on USB Pen drive or CD/DVD and delivered as a report.
- **MyLab DESK:** Images, Clips and Volume raw data can be also exported on workstation for further reviewing and elaborations.

More than Powerful

A powerful platform re-designed to meet a premium-performance mobile ultrasound system

A growing number of ultrasound users are today looking for an optimal solution where high performance meets mobile systems and portability.

With MyLab25Gold, any technological innovation and solution has been re-designed to be applied to the most advanced portable system, able to deliver unmatched performance, increased diagnostic confidence and an extreme ease of use at the same time.

Moreover, the high-level platform ensures extended modularity and upgradeability as well as easy and fast service diagnosis and recovery procedures.

Increased productivity and user comfort, maximized and protected value of the investment according to the longer product life.

MyLab™25Gold

A technological range never expected in this class of systems

X4D

All the technologies and features mentioned in 2D imaging are the basis on which sophisticated algorithms are able to deliver outstanding 3D/4D volume reconstructions. X4D technology makes volumetric ultrasound scanning easier and more effective than ever and provide raw data for further elaborations and reconstructions.

RFQIMT

RFQIMT technology can provide accurate real-time IMT measurement (21 µm) within one minute of exam, including a comprehensive report with IMT normal values over age. The accurate RF-based result allows a precise evaluation of patients' vascular conditions, on which prevention, treatment and follow-up plans can be defined.

XView Real-Time Adaptive Algorithms

The latest version of the real-time complex image processing algorithm, XView, elaborates the pattern of every single frame at the pixel level, eliminating speckle and noise artifacts, dynamically enhancing tissue margins and improving tissue conspicuity. XView increases diagnostic confidence without any negative manipulation of the final image or loss of frame rate.

MView Multi-View Imaging

Combined contributions of standard and steered ultrasound beams allow optimized image quality for comfortable detection of every anatomical structure and help to eliminate doubts in the final diagnosis. By reducing the presence of artifacts, shadowing and speckle, higher readability of the diagnostic images is guaranteed.

CnTI™ Contrast Tuned Imaging

Esaote's revolutionary technology in combination with the latest generation of ultrasound contrast agents provide precise micro-bubble detection. MyLab25Gold perfectly manages this technology and delivers impressive results in a wide range of application and probes.

More than Image Quality

The Next Generation of Transducers.

- **High performance** and high density array to always ensure the optimal image quality, even introducing application-specific transducers
- **Extended bandwidth** to deliver a wide range of settings for increased application of use, including standard and harmonic imaging
- **High sensitivity** for precise Doppler detection, reflected on CFM, Power and PW/CW signal
- **Light-weight and ergonomic approach** for user comfort in daily routine
- **Flexible cable** for easy maneuverability during the scanning
- **Elevate durability and reliability** to satisfy even the most productive hospital departments

Appleprobes

An Innovative Approach in Ergonomics

The effects of sonographers' repetitive strain injuries due to muscles, tendons and nerves constant tension can be concretely reduced by the refined design.

Appleprobes keep the wrist in an aligned position, distributing the grip throughout the whole hand, as one grips an apple; when not scanning, sonographers can relieve tension on the fingers and the wrist, simply by keeping the probe between the fingers.

By offering a double approach (standard and innovative), the optimal solution can be always selected.

INTERNATIONAL DESIGN EXCELLENCE AWARDS '08
SILVER

reddot design award
honourable mention 2008

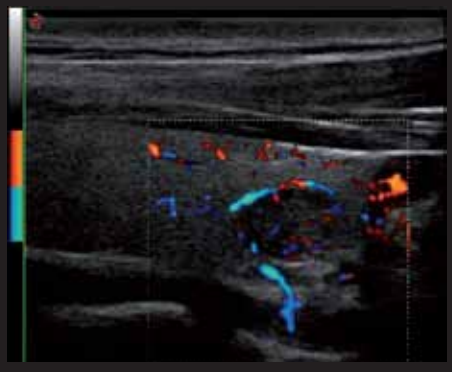
MyLab25Gold

The clinical results reflect diagnostic confidence

Liver

Kidney - Power Doppler

Liver - CnTi



Thyroid

Breast

Shoulder

Ovary

Baby spine

Baby face - X4D

Image Quality

More than Data Management

The key to enter today's medical world

Healthcare standards have changed compared to the past and the evolution is well visible both in the public and private environment.

Hospitals and big clinics are more and more oriented to RIS/PACS systems, with special attention to DICOM and IHE compliance.

Private offices are anyway evolving, and physicians ask for easy and fast modalities to export, review, report and share clinical data.

MyLabDesk

MyLab25Gold offers the **MyLabDESK software package**, an exclusive Esaote solution allowing the user to install the same software running on the ultrasound system on any PC.

MyLab25Gold offers the most up-to-date solutions:

- High capacity (>120 GB SATA) for internal d ata storage
- USB 2.0 and CD/DVD to export clinical data (proprietary, Windows® and DICOM format)
- Integrated network board for direct connection to LAN
- Direct Connection to external PC or workstation
- Compatibility with mobile devices
- Easy connection to Windows®/Dicom printers
- Wireless connection capability

Modular solutions to face more complex architectures

BioPACS™

BioPACS™: your personal imaging assistant.

A Single-Server mini-PACS configuration for patient-oriented Ultrasound data management able to manage a limited number of ultrasound diagnostic modalities with DICOM output.
Clinical data, acquired from all supported devices, can be archived, reviewed, reported and printed or forwarded to any other PACS/ mini-PACS architecture.

Org@nizer™

Org@nizer: improve efficiency, create convergence, optimize workflow.

A scalable platform for the combined management of US images and clips, ECG waveforms and standard Windows documents. Developed for both Radiology and Cardiology environment, it can be used from the entry-level Single-Server configuration up to a full Client-Server solution.

Org@nizer includes a Web access option that allows physicians to access the clinical data for remote viewing and reporting.

MyLab™25Gold

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