CONFIDENCE STRAIGHTAWAY

MyLab™ OMEGA
MyLab™Omega is a high-end, portable, multidisciplinary ultrasound unit with an innovative and ergonomic design. It delivers the highest level of performance possible for any application. It offers extreme agility thanks to its onboard dual connector (4 with additional trolley multi-connector adapter), and extremely flexible with unique built-in touch screen in addition to its rotating and tilting monitor. The innovative onboard technologies include advanced zero-click automation tools. Such innovation supplies the ultrasound system with key elements to accelerate usability and improve diagnostic efficiency. Built on a new engine and operated by Windows® 10, it delivers new levels of accuracy, quality, versatility, and value.
SWIVELLING 15,6" MONITOR

COMPLETE ADVANCED CLINICAL TOOLS

ZERO-CLICK AUTOMATION

TWO SOCKET CONNECTORS

TOUCHSCREEN

EXTENSIVE CONNECTIVITY

FAST AND EASY

MyLab™ OMEGA
MyLab™ Omega can offer a large variety of mobile solutions to meet any possible need, application, and location. The system can be simply operated, placed on a desk or installed on a versatile height-adjustable trolley. Furthermore, the system has an optional foldable trolley that can be easily transported in a car or transformer in back-pack solution. A trolley completes the system mobile solutions.

(*) from stand-by mode
Difficult-to-scan patients are quite common in today’s echo labs. Esaote’s CPI technology helps in addressing these challenges, allowing sonographers to obtain detailed images even with obese patients and in deeper scanning areas.

Speckle artefacts reduction is a very important function. Users must feel confident about the type of imaging they can acquire with an ultrasound system. For this reason the new XView+ speckle-reduction adaptive technology also features a balance setting function which operators can use to adjust the algorithm’s behavior to their preference.

Different technologies are nowadays regularly used by clinicians for pathology characterization and diagnosis in all clinical applications. Covering a very large variety of potential uses, Color Doppler represents the pillar for detecting both high-velocity flows, such as in heart cavities or in big arteries, and low-velocity flows, such as in small and micro vessels (with or without Doppler enhancement contrast media).
NEEDLE VISIBILITY
Enhanced and clear visualization of the needle during intervention procedure.

ELAXTO
ElaXto is a non-invasive method that supports the physician in assessing tissue elasticity.

CNTI™
Contrast Enhanced Imaging technology for improved diagnostic performance.

microV
High sensitivity and spatial resolution hemodynamic evaluation for lesion vascularization and characterization.

Q-PACK
Multi-modality quantification tool for curve analysis of Contrast Perfusion (Wi/Wo).

VERY HIGH FREQUENCY 22MHZ
Extreme high quality Imaging and Color Doppler on very very superficial applications.

Esaote’s new MyLab™Omega covers all clinical needs, from abdominal to point-of-care applications, to establish a diagnosis and provide the best possible therapy and follow-up.
From Obstetric to Gynecology application, MyLab™Omega delivers basic and advanced technologies to support clinicians in their daily work.

**XLIGHT**
Advanced algorithm to improve volumetric rendering quality.

**GYNECOLOGY 3D**
Superb 2D imaging and perfect 3D reconstruction rendering.

**FETAL HEART**
High resolution imaging able to visualize any specific details.

**COLOR AND DOPPLER HIGH SENSITIVITY**
Triplex mode on umbilical cord.
**CV**: STRAIGHTAWAY

**AUTOEF**
“Zero-Click” automatic endocardial border detection speeds up EF measure and simplifies daily routine.

**STRESS ECHO**
Complete Stress echo package with flexible and customizable protocols.

**QIMT**
Automated real-time detection of Intima Media Thickness based on RF signal analysis.

**MyLab™ OMEGA** is equipped with comprehensive cardiac and vascular configurations. It is a complete system for any cardiovascular ultrasound exam featuring customizable measurements and reporting.

**XSTRAIN™**
Global strain bullseye (17 segments) as a result of the 3 apical GLS outcomes.

**XSTRAIN4D**
Speckle tracking technology which provides a volumetric model of the heart’s function.

**HIGH SENSITIVITY SPECTRAL DOPPLER**
Moderate Tricuspid Valve Regurgitation - CW Doppler signal.

**QAS**
RF based automated Carotid wall stiffness measurement including PWV, CC, AI, a, B indexes.
In a fast-changing world where the value of information is increased by the possibility of sharing it, the highest level of clinical data management has to be offered to meet today’s medical needs. The worldwide medical imaging community has entered a new era of communication opportunities. Based on Windows® 10, these developments enable imaging professionals to reach diagnoses more effectively and efficiently, which can in turn raise the level of overall healthcare provided.