LIMS Systems – The Foundation of a Modern Laboratory

LIMS (Laboratory Information Management System) are advanced IT solutions that support data and process management in laboratories.
Their main purpose is to streamline information flow, automate daily tasks, and ensure full control over samples, results, and documentation.
With LIMS systems, laboratories benefit not only from improved workflow organization, but also from compliance with industry regulations and the ability to track every stage of the analytical process – from sample intake to final reporting.
LIMS integrates with laboratory instruments, ERP systems, and analytical tools, creating a unified and efficient working environment.

Thermo Scientific™ SampleManager™ LIMS™ – A Proven Standard in Laboratory Management

SampleManager™ LIMS™ is one of the most comprehensive and flexible LIMS solutions available on the market, developed by Thermo Fisher Scientific. It is designed to support the full scope of laboratory, manufacturing, and quality processes – regardless of industry sector.





What does SampleManager™ LIMS™ enable? Management of, among others:

Samples and test orders
Full control over sample registration, tracking, and result reporting.

Laboratory assets
Management of equipment, maintenance schedules, calibrations, incident logging and nonconformities.

Inventory and materials
Monitoring stock levels, reagent expiry dates, and consumable usage.

Analytical processes
Definition and automation of test procedures and analysis schedules.

Quality data
Monitoring and documenting quality parameters in line with regulatory requirements.

Time and personnel
Planning and tracking of laboratory team tasks and workload.

Access and information security
Role-based access, document version control, and audit trails.

Integration with instruments and systems
Automated data capture from lab instruments and interoperability with ERP, MES, and ELN systems.