LABMAST

ENDEL
GLOBAL WEIGHING COMPANY

A Complete
Laboratory Solution

ENDEL WEIGH SYSTEMS LLC

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Introduction

LIMS (Laboratory Information Management System) is a laboratory software that manages the information used in industrial laboratories. LabMAST is a lab management software that helps in the advancement of the whole lab management system starting from sample registration to result and report generation.

Ultimately, LIMS software is used for ease of functioning and accurate results in sample testing in industrial labs.

FEATURES

Sample management: LABMAST provides comprehensive functionality surrounding the login of samples, and providing different manual samples and file imports (via csv, txt, ascii, xml, etc.). The login facilities include sample login, group sample login, clinical protocol login, lot sample login, project sample login, clinical protocol login, and grid sample login. These provide the ability to quickly and efficiently login both single and multiple samples to allow the lab to optimize the sample registration processes.

Test scheduling tools: LABMAST includes several features for defining scheduled events for automated sample login and reporting. These schedulers can create the samples to be collected and processed in the lab, and provide information about the future sampling and testing, which aids capacity planning. This can be used for the complete management of complex sample schedules, such as continuous monitoring and testing of sampling points.

Result entry: Extensive capabilities that effectively streamline and reduce the transcription errors in result entry. Automated result entry is provided via file (csv, txt, ascii, etc) import or via interfaces to the laboratory instruments. Samples and tests can be individually selected and results entered, as well as multi-selected and results entered in a spreadsheet format. Additionally, the results get finalised and validated and entered into the database.

Certificate of Analysis: Performs data analytics and prepares a certificate.

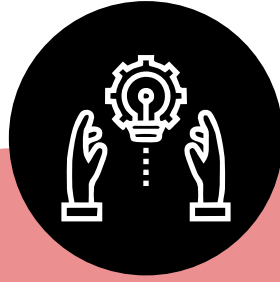**COA Release:** Issues data analysis certificate/generates a report.

Billing & Invoicing: Generates invoice just as the report gets ready to be delivered.

BENEFITS

A solution to Human Inaccuracy:
The capacity of humans is limited and not enough to manage every function at a single time. A large number of samples, testing them all simultaneously, managing data, and real-time tracking can be handled by automated Lab Information Systems (LIS) more accurately than humans.
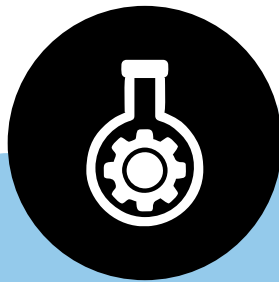
Better Control:
Recording and managing large workflows manually is not a smart way to establish control. LIMS systems help to better administer the laboratory workflows.
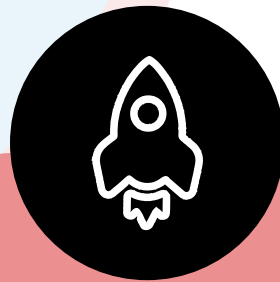
Inventory Management:
Laboratory software, apart from the storage of data, keeps you alert about the availability and supply of inventory which helps in reducing waste and prevents non-availability which ultimately turns in high profitability.

Instruments Management:
Laboratory management system software can link to the instruments used in lab testing and lead to the betterment of their working via greater monitoring.

Provides Acceleration:
Great software in the laboratory gives quickness to the motion of lab workflows. Quick working labs are going to achieve high productivity and more opportunities to expand.

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