PART®

DIGITALIZATION IN THE PROCESS INDUSTRY

PART LIMS

How to digitalize your lab area
and take your quality management
to the next level

Get the Most Out of Your Data with Digital Lab and Test Management in the LIMS Database

Information from test equipment, analyses by lab technicians, important key figures from recipes – your lab accumulates numerous data records every day that need to be recorded and analyzed. As a result, it's easy to lose track of everything, especially if you're a mid-sized company in the process industry.

The reason for this is that they often haven't implemented completely integrated, digital processes in the lab area, but instead work with heterogeneous, manual structures. This isn't only inefficient; it also hinders quality control, since a large part of the valuable information from test and measurement results is not optimally utilized.

PART LIMS – the laboratory information and management system tailored to the mid-sized process industry – simplifies and digitalizes your lab management in just one simple step. It organizes the incoming quality information from production and incoming goods and generates analyses and tests that you can retrieve at any time. With this digitalized testing system, you ensure high-quality products and thereby secure your competitiveness in the long term.

The Benefits of PART LIMS for You:

1

Improved Quality Control:
All measurement data is merged in the central LIMS database, meaning that deviations from the desired parameters are quickly apparent

2

Greater Transparency:
All lab processes are mapped seamlessly and in real time in our LIMS system

3

Deeper Insights:
Access your test results and related evaluations from anywhere

4

Higher Efficiency:
By introducing digital data processing in the lab, you can replace many outdated, manual processes and avoid media disruptions

5

Increased Flexibility:
PART LIMS is easily scalable and thus adapts to your company's current needs

How PART LIMS Supports You in Digital Lab Management

You can easily integrate PART LIMS into your ERP system SAP Business One as an additional, 100 percent SAP-certified module.

What this means for you:

- Successful onboarding **without much additional effort**
- The complexity of your IT landscape **is minimized**
- All applications are **guaranteed to be compatible**

The following functional areas can be managed in PART LIMS:

Test Equipment

In this area of the LIMS module, you manage and monitor your test equipment, such as physical measuring devices and sensors.

- Check which test equipment and measuring devices are available
- Access serial numbers and other test equipment characteristics
- Assign the test equipment to the respective test steps
- Receive warnings when a piece of test equipment exceeds the calibration period

Test Steps

Each test consists of a large number of individual steps. You define them and combine them into test processes here.

- Structure your test steps according to individual labs, testers, test equipment, data types, approval types, test locations, costs and test lots

- Add specific (including textual) characteristics and thresholds (such as for pH values) to be checked

- Assign measuring units as desired

Test Plans

In PART LIMS, you work with test plans to define how the quality test of one or more objects should be carried out. You can select both the sequence of the test process and the specifications for test characteristics.

- Specify a test plan for each product with corresponding test methods and equipment

- Assign them to your customers

- Determine where in the product to take the sample

- Create audit trails that record which tests were performed when and the results

- Set the frequency of the test

- Assign a target value or upper and lower limits for quantitative characteristics

- Create test plans for your test equipment with any number of test steps

Test Orders

With PART LIMS, you optimize the entire process of test orders in your lab. Within the software solution, your employees can create, assign and monitor test orders effortlessly.

- Create new test orders quickly and easily
- Have test orders created automatically upon goods receipt or when the production order is generated
- Track the status of your test orders and get feedback on them
- Change test orders, including samping, on an order-by-order basis
- Don't release batches until they've been approved or block them if they fail the test

Certificates and Reports

To demonstrate your quality assurance, PART LIMS allows you to generate certificates and reports based on your data.

- Generate detailed, multilingual reports and plant certificates to ensure comprehensive and transparent documentation
- Access test data and reports from anywhere
- Define custom layouts
- Use feedback data to evaluate suppliers

Seamless Integration: Management of Test Equipment and Quality Assurance in Your ERP System

You already use SAP Business One and are now ready for a completely digital lab? Then PART LIMS is the ideal solution for you. You don't have to take any risks at all, as the software integrates seamlessly into the ERP system you're already using.

Have the confidence to take the next step towards digitalization in your lab. Our experience shows that optimized, efficient management of test equipment and digitalized quality assurance are the hallmarks of success for companies in the process industry.

Do you still have questions or are you interested in receiving a tailored offer?

GET IN TOUCH

About PART

Quality and security – that's our promise. We deliver certified solutions in close cooperation with the industry leader SAP. We inspire trust and build mutually trusting partnerships for the long term. With a focus on fairness and sustainability, we work one-on-one with SMEs to ensure stable and profitable business development – that's what we understand by a win-win situation.

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