

Process Systems Manager (PSM)

From order reception to sample archiving, our powerful process management solution addresses the needs of small to large clinical laboratories.

PSM is state-of-the-art process management software that combines fully computer-aided sample handling functions with powerful data management. Its modular software architecture allows you to adapt PSM to your laboratory's specific needs.

User benefits

- **Intelligent software**

PSM combines pre-analytical, analytical and post-analytical equipment with powerful data management functions. This is the prerequisite for optimizing the complete laboratory process. PSM helps to realize advanced sample workflows and to increase laboratory efficiency.



- **Modular, scalable and adaptable**

Our modular software architecture enables new services, allowing you to adapt PSM to specific needs and degrees of CONTROL, tailored to your laboratory requirements. As a stand-alone small laboratory information system, PSM delivers solutions from order entry to result reporting.

- **Reduced complexity and costs**

Easy-to-use functions allow fast, efficient and error-free workflow management. The software-supported sample routing, tracking, aliquoting (including bar-code printing) and archiving process (including repeat/rerun/reflex handling) reduces workflow complexity and saves sample handling as well as result management costs.

Additional features

- **Automated process control**

PSM's sample flow management includes process control for manual workflow, supported by scan workstations and a bar code printer (Virtual Automation), to Total Lab CONTROL (with MODULAR *PRE-ANALYTICS* Plus Systems).

- **Powerful data management**

PSM enables multi-rule quality control, results validation, sample calculation, test and TAT statistics. Its LIS back-up functions allow the entry of patient test requests as well as patient demographics.

Advanced workflow model support

PSM supports recursive, continuous and parallel workflows as well as Roche platform standards.