

Automated sample handling for Sumetzberger pneumatic tube systems

With the automation solutions made by ASP AG, the collection, sorting and distribution of samples can be fully automated before, during and after transport with Sumetzberger pneumatic tube systems.



Capture bulk samples and send them to up to 4 destinations

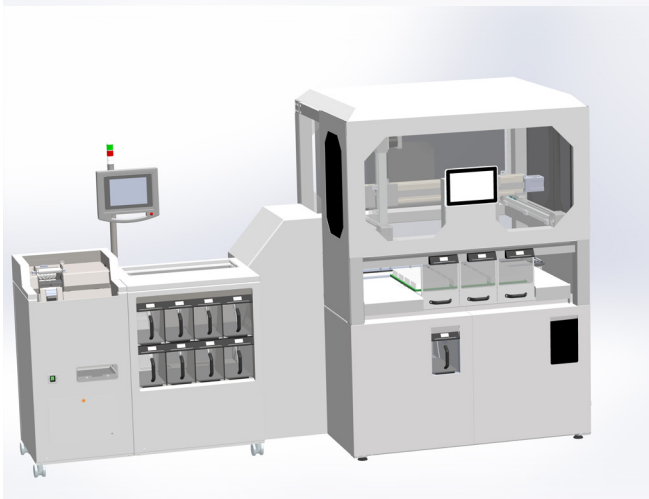
All samples are placed bulk in the sorter. This starts automatically, recognizes all samples, registers them in the EDP and distributes them to up to four pneumatic tube channels and two compartments for destinations that are not connected to the pneumatic tube system. Fully automatically, the samples are packed for dispatch in the pneumatic tube and sent to the target departments.



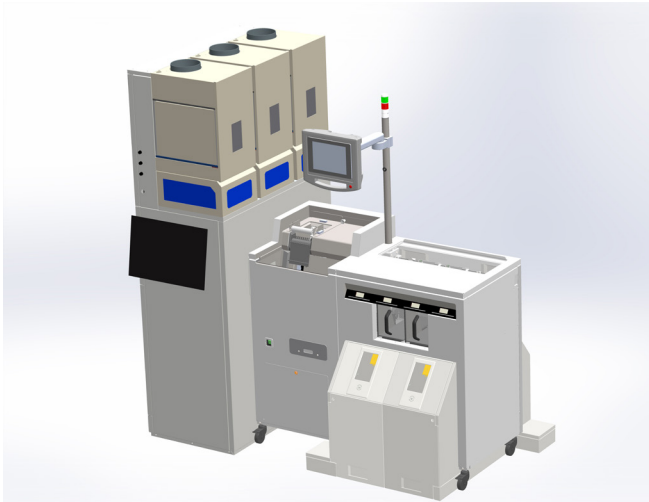
Sorting without pneumatic tube connection in analyzer racks and for manual further processing

The SortPro basic instrument features its unique optical detection system, which sets new standards in the automatic detection of different sorting parameters and the quality control of processes in the sample reception area. At the same time, its integrated processor supports efficiency improvements in the laboratory far beyond pure detection and sorting.

- Comprehensive sample identification
- Integrated sample assessment
- Fast processing, up to 3,000 tubes/h
- Intelligent data management
- Optimal process integration

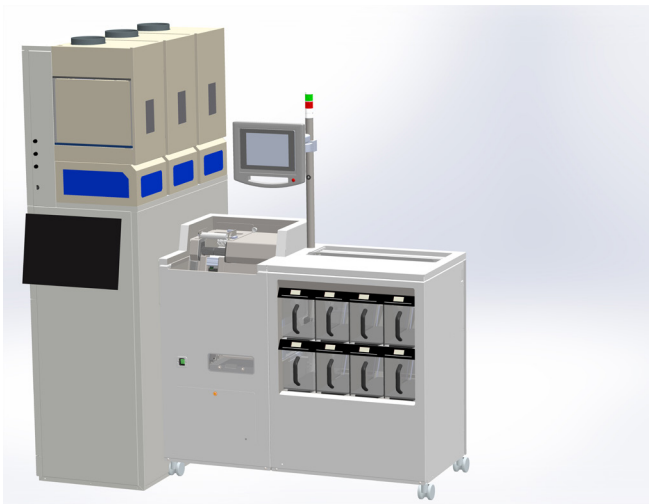


This unique scope of performance remains fully intact when equipped with rack modules, as does its unrivaled processing speed.



Distribution to decentralized laboratories

In facilities that collect samples by pneumatic tube from various stations for distribution to decentralized laboratory departments, the samples from up to three stations are automatically unpacked, recorded in the sorter, registered and sorted. Without having to pick them up, the samples are then packed and automatically sent to the up to four departments by pneumatic post.



Pre-sort from pneumatic tube for manual processing

At the entrance to a central laboratory, samples from up to three stations can be unpacked fully automatically and then recorded and presorted. Samples arriving loose in the laboratory are also fed into the normal processes at this point. They can be presorted into up to 16 destinations. The samples are then removed manually and processed further.



Sort from pneumatic tube into analyzer racks (plus bulk output)

For laboratories with large sample volumes, the racks for centrifuges and analytical lines can be loaded fully automatically directly from the pneumatic tube station. Without any manual intervention, the samples are unpacked, registered, and placed in the racks. Even samples arriving bulk in the laboratory are processed fully automatically here.

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