



HEALTHCARE SOLUTIONS
PNEUMATIC TUBE SYSTEM
TranspoNet TubeUnloader

STREAMLINE YOUR LAB PROCESSES FOR FASTER LAB RESULTS



EXPEDITE PROCESSES AND INCREASE EFFICIENCY

The TubeUnloader optimizes the workflow of handling blood samples in a hospital and clinical lab environment.

Fully integrated with the TranspoNet Pneumatic Tube System (PTS) of the hospital, TubeUnloader reduces the manual handling of the carriers and their contents, thus increasing productivity and efficiency in the laboratory.

For hospitals using a pneumatic tube system for the spontaneous transport of blood and tissue samples, the TranspoNet TubeUnloader is the solution that automates the receipt, unloading, and return of the carriers.

It prioritizes PTS carriers for automatic, urgent, and manual unloading enabling fast and efficient processing of the analyses to be conducted.

Carriers are automatically unloaded, opened, emptied, closed and returned to their station of origin or wherever they are needed. Blood samples are collected safely in a special bin.

For carriers marked as urgent or requiring manual handling, the TubeUnloader transports the carriers to urgent or manual-unload areas for faster processing.

The Tube Unloader can safely handle and transport up to 300 incoming and 300 outgoing carriers per hour.

By automating blood and other sample handling, the TubeUnloader increases staff productivity and delivery efficiency, especially during peak hours.

BENEFITS

Fast lab results & diagnoses

With prioritization of incoming carriers coupled with automated unloading of carriers, the analyzing process is up to two times faster resulting in faster availability of lab results, permitting an earlier diagnosis.

Increase productivity & efficiency

The automated and prioritized process enables laboratory technicians to focus on their core duties like blood analysis and lab tests. This increases the laboratory's productivity level. Moreover, it reduces the manual handling of the carriers and their contents, offering an ergonomic working environment.

Superior patient safety

The streamlined order management system connected with the TubeUnloader track and trace the blood samples in real-time, which reduces the risks of losing patient-critical items, ensuring delivery performance and superior patient safety.

Possible interface with laboratory analysis machines

For a fully automated lab environment, the TubeUnloader can be connected directly to the analysis machines of the laboratory.

Operational 24/7

The redundancy of lines guarantees an operational system around the clock without downtime.

AT A GLANCE



- Increase turnover time for lab results by 50%
- Increase sample analysis up to 7,200 test samples per hour
- 100% guaranteed blood quality, no hemolysis
- Full integration with lab analysis machines possible





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