

SWISSLOG HEALTHCARE SOLUTIONS

PC-controlled Pneumatic Tube System TranspoNet



TranspoNet is the PC-controlled pneumatic tube solution for hospitals with spontaneous transport needs of goods weighing up to 5 kg.

Swisslog PC-controlled pneumatic tube system TranspoNet offers a made-to-measure individual logistic solution based on the specific needs of the healthcare industry and customers.

Healthcare organisations are currently facing increasing costs and simultaneously higher demand in performance and quality in patient care. Therefore immediate action of the healthcare industry is required to increase efficiency.

The PC-controlled pneumatic tube system transports goods up to 5 kg in a carrier through a tube network within the whole hospital, whether the hospital buildings are long way from each other or have many floors, the pneumatic tube system is adaptable to every architectural challenges.

Therefore, it is possible to optimize the general in-house processes, while relieving staff with cost and time-intensive portering activities. Increased quality in the patient care leads to a faster patient dischargement, so that Swisslog state-of-the-art pneumatic tube technology provides improved efficiency and profitability.

Transport Goods

- > Laboratory samples
- > Documents
- > Results
- > Tissue samples
- > Sections
- > Blood samples

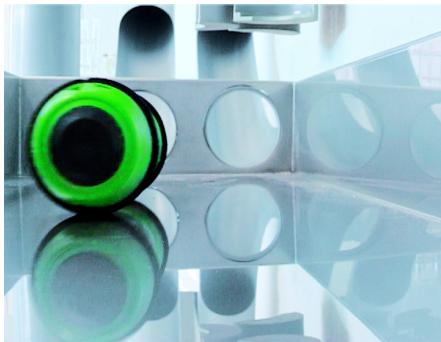


The cost reduction achieved by the pneumatic tube system offers an average amortization time of less than three years.



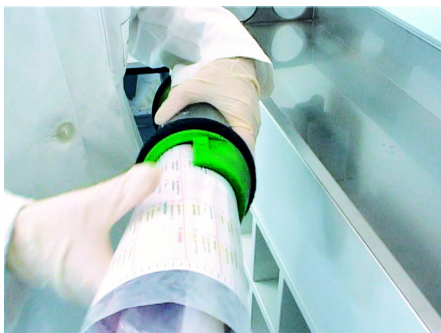
FEATURES

- > Flexible modular technology
- > Spontaneous transport with speeds up to 8 m / sec.
- > Sensitive transports of blood products
- > Different diameters (Ø 110 mm, 124 mm, 160 mm or 200 mm) for different needs of transport
- > PowerLine and PowerTrain for multi-carrier transport and transport over long distances
- > RFID transponder technology for tracking and tracing the transport goods, eliminating the risk of loss
- > Automatic return feature of empty carriers to the station with the highest deficit



FUNCTIONS

- > Programmable timetable for recurring functions
- > Divert function in case of absence, vacation or job rotation
- > Various priority settings for emergency transports
- > Portable, wireless arrival signal
- > Transport device simulation for optimization of the transport frequency
- > Horizontal-reception station with carrier opener for use in laboratories
- > Station equipped with access code or biometric identification against unauthorized removal of sensitive goods



BENEFITS

- > 24/7 system operation
- > Time and costs saving due to optimize logistic processes
- > Spontaneous transports
- > Faster availability of test results
- > Reliable delivery
- > Patient and staff safety
- > Reduction of work load, concentration on main activities
- > Optimized processes increasing quality and efficiency

Swisslog Healthcare Solutions is a world leading provider of logistics automation for hospitals.

- > PC-controlled pneumatic tube systems (PTS)
- > Automated guided vehicle systems with laser navigation (AGV)
- > Electric track vehicle systems for transport of sterile goods and other hospital items (ETV)
- > Automated drug management systems for unit dose packaging, storage and dispensing (ADMS)

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