



QCX[®] PTS101 MANUAL SENDING STATION

The PTS101 Manual Sending Station provides a flexible and affordable alternative to automatic sending stations. It is ideal for processing coarse samples.

Even for manual sampling stations, the PTS101 Manual Sending Station means the operator does not have to go to the lab in between samples. The Manual Sending Station can send a sample carrier filled with sample material via a connected pneumatic transport tube system, and can return empty carriers.

This process allows for fast turnaround time from sampling to analysis, especially if different sample types are being sent from different stations. It can also augment automatic sending systems or be a reliable option when they have maintenance downtime.

Overall you get high system availability and easy connectivity to automatic sampler preparation systems.

ADVANTAGES

- **Low cost:** depending on your operation, manual sending stations may be a better fit for your purpose and are therefore a lower cost option when compared to automatic sending stations.
- **QCX compatibility:** the PTS101 Manual Sending Station can be seamlessly integrated with QCX sample preparation and receiving systems to enhance processes now or in the future.
- **Robustness:** coarse samples can wear down inferior products, but the PTS101 Manual Sending Station is hardwearing for long-lasting performance with minimal maintenance.

FLEXIBLE HANDLING OF DIFFERENT SAMPLE TYPES

How it works

The PTS101 Manual sending station is connected to your automatic pneumatic tube transport system. Your operators fill material manually into carriers, close the carriers and insert them into the sending station. They are then automatically sent via the tube transport system to the laboratory.

The manual sending station receives empty carriers that are being returned.

Part of the sending station is a manual carrier opening and closing system.

Possible configuration

Three standard versions are available that give you a range of price options to suit your purpose.

Pushbutton panel w/ 3 sample login buttons

This is the smallest configuration but still gives you the flexibility of having three different sample points and material types, with each having a button connected to a recipe that can be identified before sending. This functionality improves traceability and documentation.

Pushbutton panel w/ 8 sample login buttons

This is the middle-sized configuration that allows you to have eight different sample points and material types.

HMI panel

This configuration has a human interface panel that allows you to program your own required buttons. This is the highest price solution but gives you the greatest flexibility.

Specification

Type of carrier	Long (122664) / optional short (107566)
Sample material	Dry, non sticky, up to 80°C
Power supply	3 x 380 – 500 V; 50/60 Hz
Compressed air supply	0.6 – 1.0 MPa (Quality 2.4.2 as per ISO 8573-1)
Operating conditions	Temperature: -10°C to 40°C, optional -20°C to 55°C Humidity: 0 – 100 %
Weight	120 kg
Dimensions (W x D x H)	1,800 x 305 x > 2,000 mm



PANEL WITH 8 SAMPLE LOGIN BUTTONS



HMI PANEL