



QCX® PTS181 MANUAL 8-POSITION CAROUSEL SENDING STATION

The PTS181 Manual 8-position Carousel Sending Station sends manually filled carriers via an attached pneumatic transport tube system to enhance efficiencies between sample collection and analysis.

The sending station is positioned next to your sampling point and can handle a high sampling frequency. You can also use it with more than one sampling point. The pneumatic transport tube system reduces the workload of your operators and allows them to focus on the more important aspects of sample preparation. At the same time, operators use the human machine interface to see a complete overview of the transport system and remain in control of the sending process.

The Carousel Sending Station is compatible with a range of fully automated sampling preparation and transport systems, making it a versatile inclusion for your operation.

ADVANTAGES

- **Availability:** the sending station includes carousel storage, which means sample transport can occur with reduced operator involvement. This translates to operational savings.
- **Safety:** manual transport can expose your operator to risk; however automatic transport protects them from dangerous motions.
- **Connectivity:** the sending station is directly compatible with a range of transport and receiving systems, particularly QCX products.

SIMPLE YET ROBUST DESIGN

How it works

The PTS181 Manual 8-position Carousel Sending Station requires your operators to manually fill material into the carrier, close it and insert it into the sending station. Opening and closing the carrier covers is supported by a pneumatically operated cover extractor.

The sending station is connected to an automatic pneumatic tube transport system that then sends the carriers to the laboratory. Your operator simply logs in each sample to initiate and control sending sequences.

Possible configuration

The PTS181 is available in three different sample log-in types:

- Human machine interface (HMI)
- 8 push buttons
- 24 push buttons

Specification

Sample material	Dry, non sticky, max. 80°C, <6mm
Sample quantity	Up to 500 cm ³
Type of carrier	Long (122664) / optional short (107566)
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 50°C Humidity: 0 – 100 %
Weight	270 kg
Dimensions (W x D x H)	840 x 700 x > 1,880 mm



8 PUSH BUTTONS



24 PUSH BUTTONS



HMI PANEL