

Automatic  
Receiving Station

# QCS<sup>®</sup> PTS102 AUTOMATIC SENDING STATION

The PTS102 Automatic Sending Station fills carriers with powder/granular material samples and can handle, receive and send them in an attached pneumatic transport tube system.

Located next to your sampler, the PTS102 Automatic Sending Station is a simple machine that contributes to faster times between sampling and analysis, while ensuring processes, control and safety are enhanced.

By automating part of the sampling process, the sending station can take more samples than you otherwise would with manual systems. It protects your operators from exposure to harsh, typically dusty environments.

The PTS102 Automatic Sending Station also connects easily to sample preparation systems for a streamlined automated process.

## ADVANTAGES

- **Availability:** automatic sending means higher availability with less reliance on operator capacity and variances. This translates to improved product quality and related operational savings.
- **Safety:** manual handling exposes your operators to risks; however automatic sending means they are protected from things like fine particles and other hazardous materials or equipment.
- **Connectivity:** the PTS102 Automatic Sending Station is directly compatible with a range of automatic sample preparation, transport and receiving systems, particularly QCS products.

# FASTER TURNAROUND FROM SAMPLING TO ANALYSIS

## How it works

The PTS102 Automatic Sending Station connects to your automatic sampling system where samples are conveyed by a tube connection from the sampler to the sending station.

The automatic sampling process fills material into an open carrier, which is closed automatically after the process is finalised. The carrier is subsequently sent via the pneumatic tube transport system to the laboratory.

## Possible configurations

### Automatic Chute Sampler w/ Integrated Mixer and Automatic Sending Station (PSM102 + PTS102)

Chute screw sampler with integrated mixer is easily compatible with the Automatic Sending Station for streamlined sample transport. Any excess material is returned via gravity or pneumatic return conveyor.

### Automatic Airslide Sampler w/ Automatic Sending Station (PSA102 + PTS102)

Fine powders can be sampled by the Automatic Airslide Sampler before automatically being transported by the Automatic Sending Station. Any excess material is returned via gravity or pneumatic return conveyor.

## Specification

Sample material	Dry, non-sticky, up to 80°C, < 6 mm
Sample quantity	Up to 500 cm
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 55°C Humidity: 0 – 100 %
Weight	Max. 290 kg
Dimensions (W x D x H)	600 x 810 x 1,460 (without cooler) 670 x 810 x 1,460 (with cooler)

