



## TMS Filtration System Indoor, 230 V, 8 m unheated sample hose

**Product #:** LZH393.XX.00201

**GBP Price:** Contact Us

### Sample preparation with automatic self-cleaning system

Suitable for difficult applications such as inlet of a municipal waste water treatment plant and industrial waste water. The system can be combined with process analysers Amtax sc, Phosphax sc and Nitratax sc in a bypass solution.

The TMS Filtration System consists of a GRP cabinet in which the mechanical and electrical components are mounted. The outdoor versions include a built-in heater and cooler, so the unit can be installed at the basin without any additional modifications. The sample hoses of the outdoor versions are heated to prevent freezing.

The canister for the cleaning solution will be placed in the cabinet. Please note that for air cleaning compressed air is needed.

The lightweight filtration membrane is made of Porospoly. It is mounted in a PVC housing which is connected to the hose with a union nut, so it can easily be exchanged. The membrane will be submersed directly into the sample.

### Suitable for difficult applications

### Lightweight filtration membrane, easy to handle

### Can be used with multiple analysers

### Cleaning with both air and chemical cleaning solution

---

## Specifications

|                           |   |
|---------------------------|---|
| Ambient temperature:      | 5 - 40 °C   |
| Certifications:           | CE  |
| Delivery Height:          | From TMS membrane to control unit: 3 m (maximum).   |
| Delivery height:          | From TMS control unit to analyser: 0 m (control unit must be at the same height level as the analyser). |
| Depth:                    | Insertion depth of the TMS membrane: 100 mm (minimum)   |
| Dimensions (H x W x D):   | 600 mm x 400 mm x 200 mm  |
| Head:                     | Maximum vertical lift: 3 m from sample (TMS membrane) to pump.  |
| Hose length:              | 8 m unheated suction hose   |
| Interface:                | Siemens LOGO!   |
| Languages user interface: | English   |

|                               |   |
|-------------------------------|---|
| Maintenance requirements:     | Manual cleaning of the TMS membrane: 1 / week.  |
| Manual languages:             | English (GB)  |
| Material:                     | TMS control unit enclosure: GRP (glass-fibre reinforced plastic).<br><br>TMS membrane: porospoly; PVC housing; Viton seals. |
| Power requirements (Amps):    | 1.5 A   |
| Power requirements (Hz):      | 50 Hz   |
| Power requirements (Voltage): | 230 V AC  |
| Sample temperature:           | 4 - 40°C (39 - 104°F)   |
| Sample volume:                | 200 - 500 mL/h, depending on pollution level of the TMS membrane and length of the suction hose.                            |
| Warranty:                     | 2 years (wearing parts excluded)  |
| Weight:                       | TMS control unit without hoses: 18 kg (cabinet only)  |