



THERMO DL

Heated Probe

MEGA SYSTEM
s.r.l.

POLLUTION CONTROL SYSTEMS

The heated probes are suitable for samplings in emission where is necessary to keep a high temperature of the filter medium due to the presence of condensable substances in the sampling gas.

The temperature of the heated pipe and the temperature of the external box are regulated and controlled separately through the THERMO thermoregulator. It's possible to set the heating temperature up to 200° C.

The thermoregulator THERMO is fitted under the external box and it has 2 auxiliary sensors input and an USB port for the data download.

The DATA LOGGER function permits to record the temperature values at programmable time interval. The device and the accessories to insert in the heated probes are available in glass, quartz, titanium and stainless steel.

The heated probes are made of stainless steel to ensure the necessary resistance to the temperature and the corrosion caused by the aggressiveness of the gas in the duct. The particular resistance used to heat the probe and the external box are made of armoured steel to insure an optimal functionality even with high humidity in the flue.

For isokinetic sampling the measure tube (Darcy with thermocouple) can be combined to the heated tube via the slider and coupling system to the duct. The heated probe are available with the external box separable from the heated tube.





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Technical specifications:

- Maximum heating temperature of the tube: 200 °C
- Maximum heating temperature of the box: 200 °C
- Auxiliary temperature T1: thermocouple K – range 0 ÷ 200°C
- Auxiliary temperature T2: thermocouple K – range 0 ÷ 200°C
- USB host interface to download data on a flash drive
- Maximum usage temperature 350 °C
- Available in different lengths: 500 mm – 1000 mm – 1500 mm – 2000 mm – 2500 mm
- Power supply: 230Vac / 50 Hz

