



THERMO

Heated Probes

MEGA SYSTEM
s.r.l.

POLLUTION CONTROL SYSTEMS

The heated probes are suitable for sampling in emission where it is required to keep high temperature on the filtering mean due to condensable substances in the gas to sample.

The temperature of the heated pipe and the temperature of the external case are regulated and controlled separately through THERMO thermoregulator set under the external box.

The heating temperature can be set up to 200°C. The devices and accessories to insert into the heated probes can be glass, quartz, titanium and stainless steel.

The heated probes are stainless steel made to grant the resistance to the temperature and to the corrosion due to the aggressiveness of the gases into the duct.

The specific resistances used to heat the duct and the external case are armoured stainless steel made to grant an excellent operation even with high humidity in the flue.

For isokinetic sampling the measure tube (Darcy with thermocouple) can be combined with the heated duct through the sliding and coupling to the duct device.

Technical specifications:

- Maximum heating temperature of the tube: 200 °C
- Maximum heating temperature of the box: 200 °C
- Maximum usage temperature: 350 °C
- Available in different lengths: 500 mm – 1000 mm – 1500 mm – 2000 mm – 2500 mm
- Power supply: 230Vac / 50 Hz

