

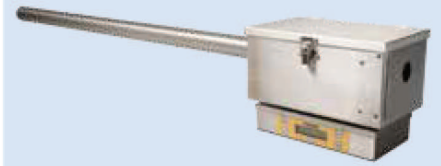
THERMO DL HEATED PROBE

The THERMO DL heated probes are suitable for sampling in emission where it is necessary to maintain a high temperature of the filter medium due to the presence of condensable substances in the gas to be sampled. They are made of stainless steel to ensure the necessary resistance to temperature and corrosion due to the aggressiveness of the gases in the flue.

The temperature of the heated tube and the temperature in the external box are adjustable up to 200 °C and are controlled independently by the THERMO DL thermostat which is placed under the external box.

The THERMO DL thermostat is equipped with 2 inputs for auxiliary temperature sensors and HOST USB port for data download. The DATA LOGGER function allows to record temperature values at programmable intervals. The sampling line to be inserted in the heated probes is available in glass, quartz, titanium and stainless steel.

- MAXIMUM TEMPERATURE OF USAGE 350 °C
- AVAILABLE IN DIFFERENT LENGTHS: 500 mm - 1000 mm - 1500 mm - 2000 mm - 2500 mm
- POWER SUPPLY: 230 Vac / 50 Hz.



X1 - PROBE HEATED PROBE

X1-PROBE is a heated probe suitable for sampling micro-pollutants, metals and acids in emission that includes a sampling tube, a measuring tube and a SEPARATE TUBE for sampling GASES/ACIDS, protected by a filter in sintered paste. It can be used on any flue, even if horizontal, also thanks to the possibility of separating the external box from the heated tube and of mounting it rotated by 90°. The temperature of the tube and the temperature of the external box are adjustable up to 200°C and are independently controlled via the thermostat under the box, equipped with 2 inputs for auxiliary temperature sensors and HOST USB port for data download. The DATA LOGGER function allows to record temperature values at programmable intervals. It is possible to prepare the probe for the connection via serial cable to the isokinetic sampler X1-APIS to adjust and record automatically from the instrument all temperature signals. The sampling line to be inserted in the heated probes is available in glass, quartz, titanium and stainless steel.

- MAXIMUM TEMPERATURE OF USAGE 350 °C
- AVAILABLE IN DIFFERENT LENGTHS: 500 mm - 1000 mm - 1500 mm - 2000 mm - 2500 mm
- POWER SUPPLY: 230 Vac / 50 Hz.



X1 - SWIRL

The standard UNI EN ISO 16911-1 provides for the establishment of a new parameter required for the measurement of velocity and flow rate in gaseous flows: the SWIRL.

X1-SWIRL is an accessory designed for use with measuring tubes and probes of any kind and allows to easily check the angle of the tangential flow compared to the axial direction.

- MEASURING RANGE: +/- 180°
- RESOLUTION 0.1°
- ZEROING: IN ANY POSITION

