

## Standard gas sampling probes

The probe has to endure extreme conditions when measuring flue gases:

- High temperatures
- Corrosive condensate
- Dust
- Mechanical loads.

The selection of the right probe is critical for accurate and consistent measurements.

Because the sampling locations are often different, it's beneficial to have a standard probe designed for a wide variety of applications. In addition to the standard sampling probes, Testo also offers probe systems for specific industrial applications.

### Standard gas sampling probes

The affordable standard sampling probe is available in lengths of 335 mm and 700 mm and for different temperature ranges. The outer shaft with filter is used for dusty flue gases. The hose has a standard length of 2.2 m (5 m, optional).



Standard gas sampling probes, available in lengths of 335 mm and 700 mm

Standard flue gas sampling probe, 335 mm long		Part no.
<b>Basic flue gas probe, 335 mm immersion depth, with probe stop, NiCr-Ni (Ti) T/C, probe shaft: stainless steel 1.4361 (Tmax 500°C), 2.2 m hose, robust plug-in coupling</b>	 335 mm Ø 8 mm	0600 7451
<b>Options:</b> Heat-resistant probe shaft with pre-filter, Tmax. +1000 °C, 335 mm long, for dusty flue gases, 3 µm pore size, probe shaft: stainless steel 1.4841 <b>or:</b> Heat-resistant probe shaft without pre-filter (material: stainless steel 1.4841), Tmax +1000 °C, with heat-resistant plate, 335 mm long	 335 mm Ø 8 mm    Ø 14 mm	0440 7435
Hose, 5 m long		0440 7443
Special hose for NO <sub>2</sub> /SO <sub>2</sub> measurements, 2.2 m long*		0440 7442
Special hose for NO <sub>2</sub> /SO <sub>2</sub> measurements, 5 m long*		0440 7445
Standard gas sampling probe, 700 mm long		Part no.
<b>Basic flue gas probe, 700 mm immersion depth, with probe stop, NiCr-Ni (Ti) T/C, probe shaft: stainless steel 1.4361 (Tmax 500°C), 2.2 m hose, robust plug-in coupling</b>	 700 mm Ø 8 mm	0600 7452
<b>Options:</b> Heat-resistant probe shaft with pre-filter, Tmax. +1000°C, 700 mm long, for dusty flue gases, 3 µm pore size, probe shaft: stainless steel 1.4841 <b>or:</b> Heat-resistant probe shaft without pre-filter (material: stainless steel 1.4841), Tmax +1000 °C, with heat-resistant plate, 700 mm long	 700 mm Ø 8 mm    Ø 14 mm	0440 7436
Hose, 5 m long		0440 7444
Special hose for NO <sub>2</sub> /SO <sub>2</sub> measurements, 2.2 m long*		0440 7442
Special hose for NO <sub>2</sub> /SO <sub>2</sub> measurements, 5 m long*		0440 7446
* Use outer shaft with filter for dusty flue gases.		
Accessories for outer pipe with filter		Part no.
Spare sintered filter (2 off)		0554 3372
Gas sampling probes for measurements on industrial motors		Part no.
Flue gas probe for industrial motors, 335 mm immersion depth, with probe stop and heat protection plate, Tmax 1000 °C, special hose for NO <sub>2</sub> /SO <sub>2</sub> measurements, 2.2 m long	 Ø 8 mm	0600 7550
Flue gas probe for industrial motors with probe shaft prefilter, 335 mm immersion depth, with probe stop and heat protection plate, Tmax 1000 °C, special hose for NO <sub>2</sub> /SO <sub>2</sub> measurements, 2.2 m long	 Ø 8 mm    Ø 14 mm	0600 7551
Accessories for the gas sampling probes for measurements on industrial engines		Part no.
Thermocouple for exhaust gas temperature measurement (NiCr-Ni, length 400 mm, Tmax. +1000 °C), with 2.4 m connection cable and additional temperature protection		0600 8894
Spare sintered filter (2 off)		0554 3372