









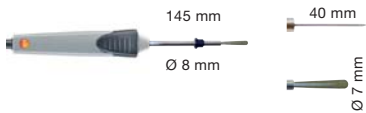
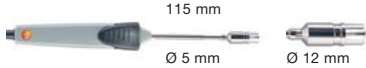







A pro for all eventualities: Your equipment for testo 480

Probes

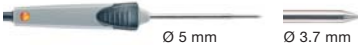

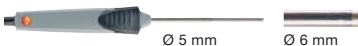
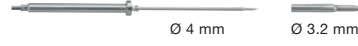

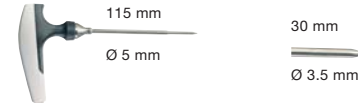
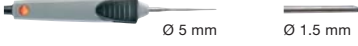


Flow probes		Measurement range	Accuracy (±1 digit)	Order No.
Vane probe, Ø 16 mm, including non-rotatable telescope with scaling to max. 960 mm, with integrated measurement button, e.g. for velocity measurements in ducts *		+0.4 to +50 m/s -10 to +70 °C	±(0.2 m/s + 1% of reading) 0.4 - 40 m/s ±(0.2 m/s + 2% of reading) 40 - 50 m/s ±1.8 °C	0635 9542
Thermal probe, Ø 10 mm, 90° bendable (200 mm), including non-rotatable telescope with scaling to max. 1100 mm, integrated measurement button, e.g. for velocity measurements in ducts *		0 to +20 m/s -20 to +70 °C 0 to 100 %RH +700 to +1100 hPa	±(0.03 m/s + 4% of reading) ±0.5 °C ±(1.8 %RH + 0.7% of reading) ± 3 hPa	0635 1543
Vane probe Ø 100 mm, for measurements at duct outlet *		0.10 to +15.00 m/s 0 to +60 °C	±(0.1 m/s + 1.5% of reading) ±0.5 °C	0635 9343
Comfort level probes				
Humidity and temperature probe Ø 12 mm, high-precision with 1% accuracy *		0 to 100 %RH -20 to +70 °C	±(1.0 % RH + 0.7% of reading) 0 to 90 %RH ±(1.4 % RH + 0.7% of reading) 90 to 100 %RH ±0.5 °C	0636 9743
IAQ probe to assess Indoor Air Quality, CO ₂ , humidity, temperature and absolute pressure measurement, including desk-top stand *		0 to +50 °C 0 to +100 RH 0 to 10,000 ppm CO ₂ +700 to +1100 hPa	± 0.5 °C ± (1.8 %RH + 0,7% of reading) ± (50 ppm CO ₂ + 2% of reading) 0 to +5,000 ppm CO ₂ ± (100 ppm CO ₂ + 3% of reading) 5.001 to +10,000 ppm CO ₂ ± 3 hPa	0632 1543
Comfort probe for degree of turbulence measurement, standards-compliant measurement according to EN 13779 *		0 to +50 °C 0 to +5 m/s +700 to +1100 hPa	±0.5 °C ±(0.03 m/s + 4 of reading) ± 3 hPa	0628 0143
Globe thermometer Ø 150mm, measures radiated heat		0 to +120 °C	Type K thermocouple, class 1	0602 0743
Lux probe, for measuring light intensity		0 to 100,000 Lux	Class C according to DIN 5032-7 f1 = 6% V-Lambda f2 = 5% cos	0635 0543
Further probes				
High-precision Pt100 immersion and penetration probe *	200 mm  Ø 3 mm	-100 ... +400 °C	± 0.15 °C + 0.2% of reading (-100 ... -0.01 °C) ± 0.15 °C + 0.05% of reading (0 ... 100 °C) ± 0.15 °C + 0.2% of reading (100.01 ... -350 °C) ± 0.5 °C + 0.5% of reading (350.01 ... 400 °C)	0614 0073
*Plug-in head cable (mandatory)				0430 0100

Probes

Thermocouple probes	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	t ₉₉	Order No.
Spare meas. head for pipe wrap probe, TC Type K		-60 to +130 °C	Class 2	5 sec	0602 0092
Fast-reaction paddle surface probe, for measurements in inaccessible places, e.g. narrow apertures and slots, TC Type K, Fixed cable		0 to +300 °C	Class 2 ¹⁾	5 s	0602 0193
Fast-action surface probe with sprung thermocouple strip, also for uneven surfaces, measurement range short-term to +500°C, TC Type K, Fixed cable		-60 to +300 °C	Class 2 ¹⁾	3 s	0602 0393
Efficient and fast-action immersion probe, waterproof, TC Type K, Fixed cable		-60 to +1000 °C	Class 1 ¹⁾	2 s	0602 0593
Thermocouple with TC adapter, flexible, 800mm long, fibre glass, TC Type K		-50 to +400 °C	Class 2 ²⁾	5 s	0602 0644
Thermocouple with TC adapter, flexible, 1500mm long, fibre glass, TC Type K		-50 to +400 °C	Class 2 ²⁾	5 s	0602 0645
Thermocouple with TC adapter, flexible, 1500mm long, PTFE, TC Type K		-50 to +250 °C	Class 2 ²⁾	5 s	0602 0646
Efficient, waterproof surface probe with small measurement head for flat surfaces, TC Type K, Fixed cable		-60 to +1000 °C	Class 1 ²⁾	20 s	0602 0693
Fast-action surface probe with sprung thermocouple strip, bent, also for uneven surfaces, measurement range short-term to +500°C, TC Type K, Fixed cable		-60 to +300 °C	Class 2 ²⁾	3 s	0602 0993






1) According to standard EN 60584-2, the accuracy of Class 1 refers to -40 to +1000 °C (Type K), Class 2 to -40 to +1200 °C (Type K), Class 3 to -200 to +40 °C (Type K).

Probes

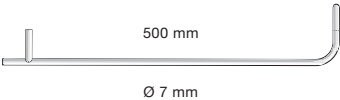
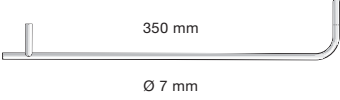
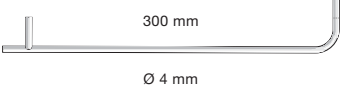
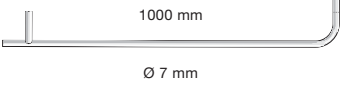
Thermocouple probes	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	t ₉₉	Order No.
Waterproof immersion/penetration probe, TC Type K, Fixed cable	 114 mm Ø 5 mm 50 mm Ø 3.7 mm	-60 to +400 °C	Class 2 ¹⁾	7 s	0602 1293
Robust, waterproof surface temperature probe, Pt100, Fixed cable	 114 mm	-50 to +400 °C	Class B ¹⁾	40 s	0609 1973
Waterproof surface probe with widened measurement tip for flat surfaces, T/C Type K, Fixed cable	 115 mm Ø 5 mm Ø 6 mm	-60 to +400 °C	Class 2 ¹⁾	30 s	0602 1993
Waterproof food probe made of stainless steel (IP65), TC Type K, Fixed cable	 125 mm 30 mm Ø 4 mm Ø 3.2 mm	-60 to +400 °C	Class 2 ¹⁾	7 s	0602 2292
Flat head surface probe with telescopic handle max. 680 mm for measurements at hard-to-access points, TC Type K, Fixed cable 1.6 m (correspondingly shorter when telescope extended)	 680 mm 12 mm Ø 25 mm	-50 to +250 °C	Class 2 ¹⁾	3 s	0602 2394
Robust food probe with special handle, IP 65, reinforced cable (PUR), T/C Type K, Fixed cable	 115 mm Ø 5 mm 30 mm Ø 3.5 mm	-60 to +400 °C	Class 1 ¹⁾	6 s	0602 2492
Fast-action, waterproof immersion/penetration probe, TC Type K, Fixed cable	 60 mm 14 mm Ø 5 mm Ø 1.5 mm	-60 to +800 °C	Class 1 ¹⁾	3 s	0602 2693
Pipe wrap probe for pipe diameter 5 to 65 mm, with exchangeable measuring head. Meas. range short-term to +280°C, TC Type K, Fixed cable		-60 to +130 °C	Class 2 ¹⁾	5 s	0602 4592
Clamp probe for measurements on pipes, pipe diameter 15 to 25 mm (max. 1"), meas. range short-term up to +130°C, TC Type K, Fixed cable		-50 to +100 °C	Class 2 ¹⁾	5 s	0602 4692

1) According to standard EN 60584-2, the accuracy of Class 1 refers to -40 to +1000 °C (Type K), Class 2 to -40 to +1200 °C (Type K), Class 3 to -200 to +40 °C (Type K).

Probes

Thermocouple probes	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	t ₉₉	Order No.
Magnetic probe, adhesive force approx. 20 N, with magnets, for measurements on metal surfaces, TC Type K, Fixed cable	 35 mm Ø 20 mm	-50 to +170 °C	Class 2 ¹⁾	150 s	0602 4792
Magnetic probe, adhesive force approx. 10 N, with magnets, for higher temp., for measurements on metal surfaces, TC Type K, Fixed cable	 75 mm Ø 21 mm	-50 to +400 °C	Class 2 ¹⁾		0602 4892
Immersion tip, flexible, TC Type K	 Ø 1.5 mm 500 mm	-200 to +1000 °C	Class 1 ¹⁾	5 s	0602 5792
Immersion tip, flexible, TC Type K	 Ø 1.5 mm 500 mm	-200 to +40 °C	Class 3 ¹⁾	5 s	0602 5793
Immersion measurement tip, flexible, for measurements in air/exhaust gases (not suitable for measurements in smelters), TC Type K	 Ø 3 mm 1000 mm	-200 to +1300 °C	Class 1 ¹⁾	4 s	0602 5693

1) According to standard EN 60584-2, the accuracy of Class 1 refers to -40 to +1000 °C (Type K), Class 2 to -40 to +1200 °C (Type K), Class 3 to -200 to +40 °C (Type K).

Prandtl's Pitot tubes	Dimensions Probe shaft/probe shaft tip	Order No.
Pitot tube, 500 mm long, Ø 7 mm, stainless steel, for measuring flow velocity	 500 mm Ø 7 mm	Oper. temp. 0 to +600 °C
Pitot tube, 350 mm long, Ø 7 mm, stainless steel, for measuring flow velocity	 350 mm Ø 7 mm	Oper. temp. 0 to +600 °C
Pitot tube, 300 mm long, Ø 4 mm, stainless steel, for measuring flow velocity	 300 mm Ø 4 mm	Oper. temp. 0 to +600 °C
Pitot tube, 1000 mm long, Ø 7 mm, stainless steel, for measuring flow velocity	 1000 mm Ø 7 mm	Oper. temp. 0 to +600 °C