









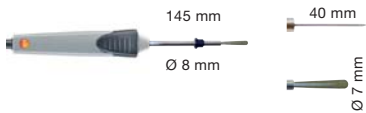
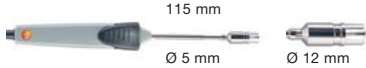







A pro for all eventualities: Your equipment for testo 480

Probes

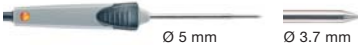

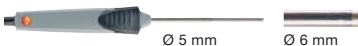
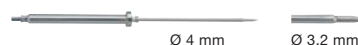

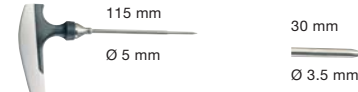
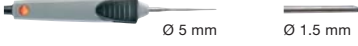


Flow probes		Measurement range	Accuracy (± 1 digit)	Order No.
Vane probe, \varnothing 16 mm, including non-rotatable telescope with scaling to max. 960 mm, with integrated measurement button, e.g. for velocity measurements in ducts *		+0.4 to +50 m/s -10 to +70 °C	$\pm(0.2 \text{ m/s} + 1\% \text{ of reading})$ 0.4 - 40 m/s $\pm(0.2 \text{ m/s} + 2\% \text{ of reading})$ 40 - 50 m/s $\pm 1.8 \text{ }^\circ\text{C}$	0635 9542
Thermal probe, \varnothing 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	$\pm(0.03 \text{ m/s} + 4\% \text{ of reading})$ $\pm 0.5 \text{ }^\circ\text{C}$ $\pm(1.8 \text{ \%RH} + 0.7\% \text{ of reading})$ $\pm 3 \text{ hPa}$	0635 1543
Vane probe \varnothing 100 mm, for measurements at duct outlet *		0.10 to +15.00 m/s 0 to +60 °C	$\pm(0.1 \text{ m/s} + 1.5\% \text{ of reading})$ $\pm 0.5 \text{ }^\circ\text{C}$	0635 9343
Comfort level probes				
Humidity and temperature probe \varnothing 12 mm, high-precision with 1% accuracy *		0 to 100 %RH -20 to +70 °C	$\pm(1.0 \text{ \%RH} + 0.7\% \text{ of reading})$ 0 to 90 %RH $\pm(1.4 \text{ \%RH} + 0.7\% \text{ of reading})$ 90 to 100 %RH $\pm 0.5 \text{ }^\circ\text{C}$	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	$\pm 0.5 \text{ }^\circ\text{C}$ $\pm (1.8 \text{ \%RH} + 0.7\% \text{ of reading})$ $\pm (50 \text{ ppm CO}_2 + 2\% \text{ of reading})$ 0 to +5,000 ppm CO ₂ $\pm (100 \text{ ppm CO}_2 + 3\% \text{ of reading})$ 5.001 to +10,000 ppm CO ₂ $\pm 3 \text{ hPa}$	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	$\pm 0.5 \text{ }^\circ\text{C}$ $\pm(0.03 \text{ m/s} + 4\% \text{ of reading})$ $\pm 3 \text{ hPa}$	0628 0143
Globe thermometer \varnothing 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  \varnothing 3 mm	-100 ... +400 °C	$\pm 0.15 \text{ }^\circ\text{C} + 0.2\% \text{ of reading}$ (-100 ... -0.01 °C) $\pm 0.15 \text{ }^\circ\text{C} + 0.05\% \text{ of reading}$ (0 ... 100 °C) $\pm 0.15 \text{ }^\circ\text{C} + 0.2\% \text{ of reading}$ (100.01 ... -350 °C) $\pm 0.5 \text{ }^\circ\text{C} + 0.5\% \text{ of reading}$ (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

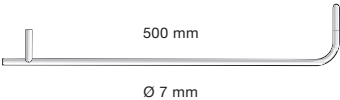
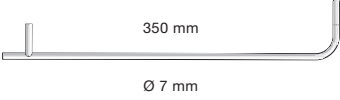
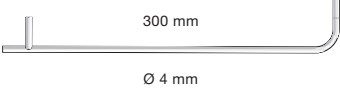
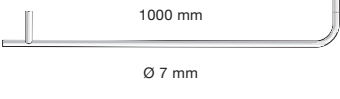
Thermocouple probes	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	t ₉₉	Order No.
Waterproof immersion/penetration probe, TC Type K, Fixed cable	 114 mm Ø 5 mm 50 mm Ø 3.7 mm	-60 to +400 °C	Class 2 ¹⁾	7 s	0602 1293
Robust, waterproof surface temperature probe, Pt100, Fixed cable	 114 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	0635 2045
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	0635 2145
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	0635 2245
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	0635 2345

Accessories

Accessories for measuring instrument and probes	Details	Order No.
Tripod for workplace evaluation	With holders for hand-held instrument and probes. Can also be used as probe extension.	0554 0743
Plug-in head cable	Connection of digital probes to the measuring instrument	0430 0100
Testovent 410 volume flow funnel	Ø 340 mm/330 x 330 mm, including carrying bag	0554 0410
Testovent 415 volume flow funnel	Ø 210 mm/190 x 190 mm, including carrying bag	0554 0415
Funnel set for disc valves and ventilators	Disc valves (Ø 200) ventilators (330 x 330 mm) for incoming and outgoing air	0563 4170
Testo saline pots	Humidity adjustment 11.3%RH and 75.3%RH including adapter for humidity probe	0554 0660
Connection hose	Connection hose silicone 5 m to max. 700 hPa	0554 0440
Connection hose silicone-free	Connection hose silicone-free 5 m to max. 700 hPa	0554 0453

System case	Details	Order No.
System case for comfort level measurements	For instrument, probes and other accessories; incl. globe thermometer and degree of turbulence probe	0516 4801
System case for HVAC measurements	For instrument, probes and other accessories; incl. 16 mm vane probe and thermal flow velocity probe	0516 4800

Printers and accessories	Details	Order No.
Testo fast printer	Infrared interface, 1 roll of thermal paper and 4 AA batteries	0554 0549
Spare thermal paper for printer (6 rolls)	Measurement data documentation legible for up to 10 years	0554 0568



System case for HVAC measurements



System case for comfort level measurements



Accessories

Calibration Certificates	Order No.
ISO calibration certificate/temperature for air/immersion probes, calibration points -18°C; 0°C; +60°C	0520 0001
DAkkS calibration certificate/temperature meas. instr. with air/immersion probe; calibration points -20 °C; 0 °C; +60 °C	0520 0211
ISO calibration certificate humidity Calibration points 11.3 %RH and 75.3 %RH at +25°C	0520 0006
DAkkScalibration certificate humidity Electronic hygrometer; calibration points 11.3 %RH and 75.3 %RH at +25 °C	0520 0206
ISO calibration certificate pressure differential pressure, accuracy 0.1 to 0.6 (% of fsv)	0520 0025
ISO calibration certificate velocity hot wire, vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s	0520 0004
ISO calibration certificate velocity hot wire, vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s	0520 0034
ISO calibration certificate/light Calibration points 0; 500; 1000; 2000; 4000 Lux	0520 0010
ISO calibration certificate/CO2 CO2 probes; calibration points 0; 1000; 5000 ppm	0520 0033
More calibration certificates on request	