

Temperature penetration probe

Long, robust and precise for various penetration measurements.

Various applications as a compost probe in refuse management, on refuse tips and compost heaps

Measurements in industrial surroundings, in granulate, in loose goods or metal shavings

Temperature checks in animal feed, hay bales or other agricultural heaps

Temperature measurements on wood chips and pellets

Robust design allows measurements in hot asphalt



The robust design of the temperature penetration probe with ergonomic handles, and the probe shaft with a standard length of 1.5 m and a narrowed measurement tip, allow various applications in many different areas, e.g. as a compost probe. In addition to the standard NTC sensor, the probe is also available with Pt100 thermocouple Type K or Type T sensors, with measuring ranges up to +600 °C. Different probe shaft and cable lengths for specific applications can be delivered – if required, with a fixing appliance or a protective housing for data loggers.

The display of the measured temperature takes place via a correspondingly suitable measuring instrument with a mini DIN socket, e.g. the universal temperature measuring instrument testo 110. Alternatively, the temperature can be displayed directly via an integrated measuring instrument. Temperature storage with a data logger is equally possible, as is the wireless transfer of measurement data with testo Saveris.

Temperature penetration probe

Robust temperature penetration probe as 0613 1311 A, length 1500 mm, Ø 12 mm with narrowed tip Ø 5 mm, sensor NTC, measuring range -50 to +125 °C, cable FEP insulated, length 1.5 m, plug fits testo 110.

Order no. 0600 9999 / ID no. 0699 5403/1

Sensor	NTC
Measuring range	-50 to +125 °C
Accuracy	±0.5% of m.v. (+100 to +150 °C) ±0.2 °C (-25 - +74.9 °C) ±0.4 °C (remaining meas. range)
Response time	t ₉₀ approx. 20 s. e.g. in moving liquid
Operating temperature	Measuring range -50 to +250 °C Handle and bend protector +80 °C Connection cable +200 °C Mini DIN plug +80 °C
Measuring tip	narrowed to Ø 5 mm
Measurement tip material	Stainless steel 1.4571
Probe tube	Length 1500 mm, Ø 12 mm
Probe tube material	Stainless steel 1.4571
Protection class	IP 67 at joint between bend protector and cable
Connection cable	Length 1.5 m (other lengths are available), Ø 4 mm, round, FEP cable insulation black, moulded mini DIN plug

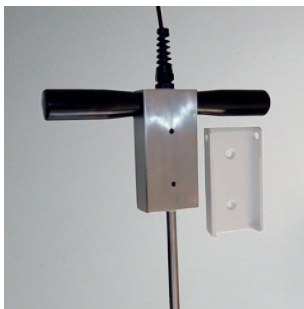
Variants



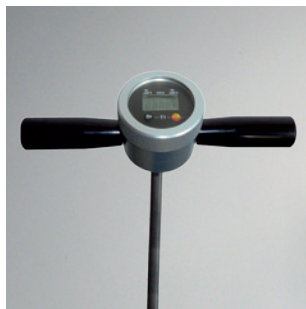
Penetration probe with data logger testo 175-T2



Penetration probe with protective housing for testo Saveris data loggers



Penetration probe with attachment for data logger wall bracket



Penetration probe with display, without storage function

Product description	Order no.
0628 0134 temperature penetration probe with data logger testo 175-T2 and protective cover	0628 0134
0699.5826/1 temperature penetration probe with humidity probe, Ø 16 mm, nominal length 1100 mm and 0636.2161 with probe shaft length 1050 mm	
0699.6204/3 temperature penetration probe with testo Saveris protective housing 0572.0200 (without wireless probe) for NTC or Pt100. Please state sensor type.	0572 9999
0699.7061/3 temperature penetration probe with attachment for data logger wall bracket (without data logger). Please state data logger and sensor type.	0572 9999
0628.0032/A temperature penetration probe with display, without storage function	
Temperature penetration probe with different measurement value sensors NTC, Pt100, TC Type K and Type T	
Temperature penetration probe with integrated sheathed thermocouple Type K up to +600 °C	
Temperature penetration probe with different probe shaft lengths, from 250 mm to 3000 mm	

A cable can be fitted with a length up to the EMC limit < 30 m.

dk/i/01.2016 Subject to change, including technical changes, without notice.

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