

Cryogenic probe

Immersion/penetration probe for low temperature measurements

Calibratable

Thin ribbon cable fits between door and cover seals

Special cable marking for tolerance class 3 via integrated white spiral colouring

Visually distinct from other Testo temperature probes in tolerance class 1 and 2

Measuring range -200 to +40 °C



This calibratable cryogenic probe is suitable for long-term use in liquid nitrogen, blast freezers and cryogenic transport containers, among others. In conjunction with Testo data loggers, for example, it can be used for particularly precise refrigeration process monitoring.

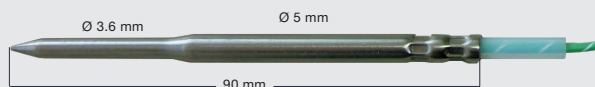
The probe is compatible with temperature measuring instruments such as the testo 480, testo 735, testo 922, data loggers in the testo 175/176 series or the testo Saveris measurement data monitoring system.

The probe is also available in other variants:

- with modified sleeve (length, diameter, spherically round, with clamp screw connection or without sleeve)
- with other cable lengths
- with screw-on mini TC connector
- with free cable ends
- or tailored to customer requirements.

Cryogenic probe

Immersion/penetration probe TC Type K, class 3, with centrally pointed stainless steel sleeve, PTFE-insulated ribbon cable, cable length 2 m, with moulded mini TC connector



Order no. 0572 9999
ID no. 0699 6539 / 3

Sensor type	TC Type K
Measuring range	-200 to +40 °C
Accuracy	Tolerance class 3 A probe only ever complies with one tolerance class.
Response time	t90 approx. 7 s. in moving liquid
Operating temperature	Protective sleeve and cable -200 to +40 °C Mini TC connector +80 °C
Measuring tip	Centrally pointed
Probe tube material	Stainless steel 1.4404
Probe tube length	90 mm (other lengths are possible)
Ø probe tube	Ø 5 mm, tapered to Ø 3.6 mm towards the measuring tip
Protection class	IP54
Connecting pipe	Length 2 m (other lengths are available), oval 1.5 x 2.4 mm, PTFE cable insulation, moulded mini TC connector

Special features and details

The probe is available in the following variants:

- with modified sleeve (length, diameter, spherically round, with clamp screw connection or without sleeve)
- with other cable lengths
- with screw-on mini TC connector
- with free cable ends
- or tailored to your preferences.

The standard probe 0572 9001 is suitable for use in air-conditioning cabinets, ovens and refrigerators from -40 to +220 °C. For measurements up to +260 °C, we recommend the probe with Testo ID number 0699 6539/11. Probes with other sensors such as TC Type T, Pt100 (0572 7001) or NTC (0572 1001) are available in the current product range or on request.

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