

Digital low temperature probes

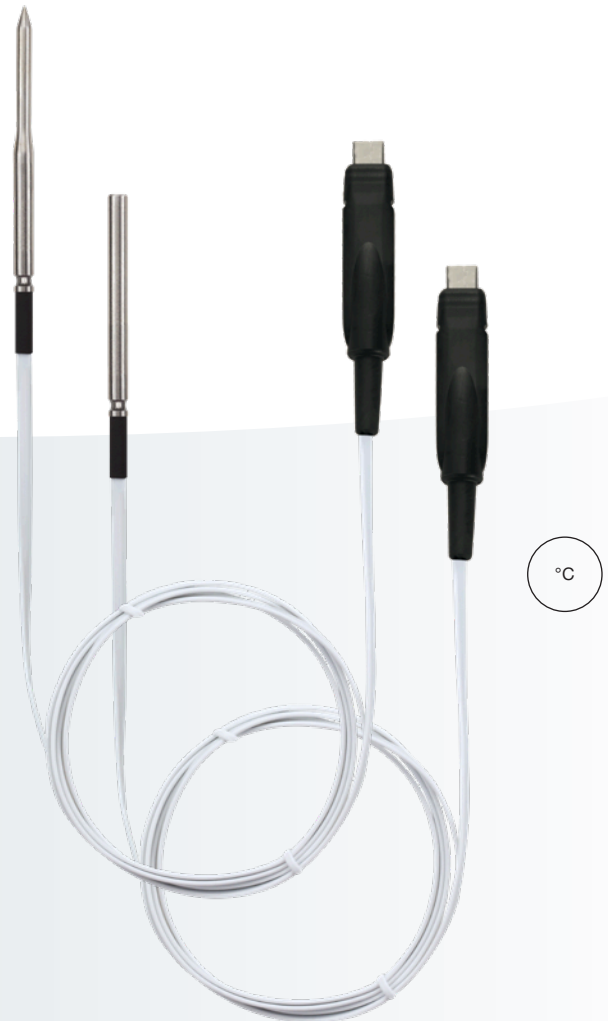
Precise measurements at low temperatures

Temperature measurement down to $-200\text{ }^{\circ}\text{C}$

Flat ribbon cable fits between seals of doors and lids

Easy handling and installation

Calibratable



Our low temperature probes allow a precise control of your cooling processes. They can be used in deep freezers, liquid nitrogen tanks, cooling chambers and boxes. These digital probes can be calibrated individually without deinstalling the measurement system.

The probes have a TUC-connector so that they can be used with testo's monitoring system Saveris and instruments like testo 400 / 440.

Based on the customers' requirements, the probes are also available with the following customizations:

- other cable lengths
- other connectors
- other sleeve geometries
- or according to your individual ideas.



Order no.	Digital Pt100 low temperature probe down to -100 °C, 5 m	Digital Pt100 low temperature probe down to -100 °C, 2 m	Digital Pt100 low temperature probe down to -100 °C, 5 m	Digital Pt100 low temperature probe down to -200 °C, 2 m	Digital Pt100 low temperature probe down to -200 °C, 5 m
Order no.	8711 0005	8711 0008	8711 0009	8711 0010	8711 0011
Sensor type	Pt100				
Measuring range	-100 to +150 °C			-200 to +250 °C	
Accuracy	$\pm(0.25 + 0.003 * T)$ °C				
Operating temperature	Probe excl. plug: -100 to +180 °C Plug: -30 to +50 °C			Probe excl. plug: -200 to +250 °C Plug: -30 to +50 °C	
t ₉₀ (in moving liquid)	20 s				
Sleeve					
- Material	Stainless steel 1.4404				
- Length	50 mm	75 mm			
- Diameter	5 mm	5 mm, tapered to 3.6 mm			
- Tip	Flat	Centrally peaked			
Cable					
- Length	5 m	2 m	5 m	2 m	5 m
- Diameter	1.2 x 3.8 mm				
- Sheath insulation	FEP			PFA	
Protection class	IP 54				
Connection	TUC plug				

Are you looking for a probe which fulfills your individual requirements?
Contact us: vertrieb@testo.de



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