

PT125

1,6 x 150 mm stainless steel cryogenic PT100

Maintaining the temperature of cryogenic sample storage is essential to preserve the integrity of cell-based materials used in various research and therapy applications. The PT125 Cryo Temperature Probe is perfect for measuring temperatures inside cryo preservation tanks. With a temperature range from -200°C to +50°C, this probe is suitable for both spot-checking liquid levels and long-term monitoring.

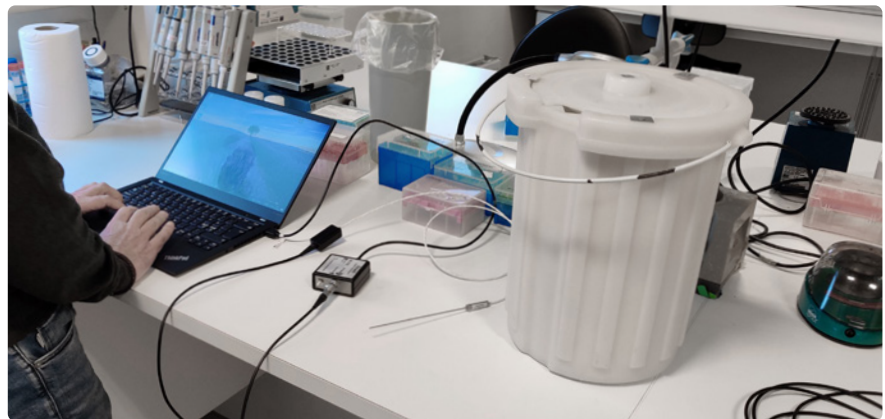
Functions & Technology

Specialised cryogenic probe

The PT125 Cryo Temperature Probe is designed for ease and safety. Its 150mm long tip allows for easy positioning in any open vessel.

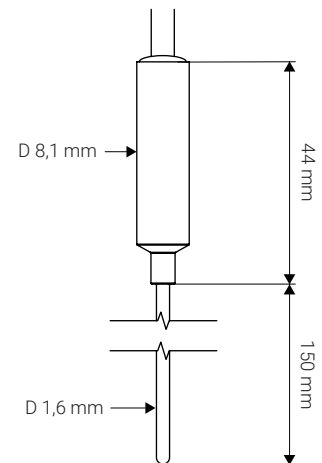
The 1.6mm tip minimizes heat transfer through the probe.

The attached Teflon cable enables the entire probe to be immersed in a large dewar for quick level control or long-term monitoring.



Specifications

Sensor type	Analog PT-100 temperature sensor (3 wire)
Measure range & accuracy	-200 - 50°C, 0,03 °C accuracy possible
Display resolution and update	0,01 °C, one update per second
T90 (min:sec)	0:45
Compliance	ISO/EN61010-1 • RoHS • CE with NiloChecker 500
Room operating conditions	0 - 50 °C/5 - 95% RH
Cable length	2 m with option for customisations.
Materials	Tip: Stainless steel - Cable: Teflon and PVC
IP Class	IP50
Calibration	Delivered with factory calibration certificate. Accuracy ± 0,1 °C in the range -200 - 50 °C PT125 can be calibrated in accordance with ISO/IEC 17025 Calibration requires an adaptor. Part no: 115s001



Ordering info

Part no: 120s005 - PT125 Digital Cryo Temperature Probe
Part no: 115s001 - Single probe calibration adaptor
Part no: 800s012/800s013 AC - Accredited calibration of 1 temperature sensor
Part no: 800s012 - Factory calibration of PT probe in 3 points