



DT112

Digital temperature probe

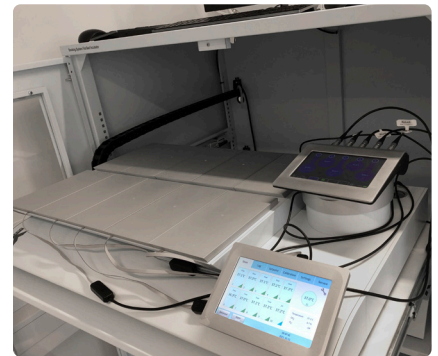
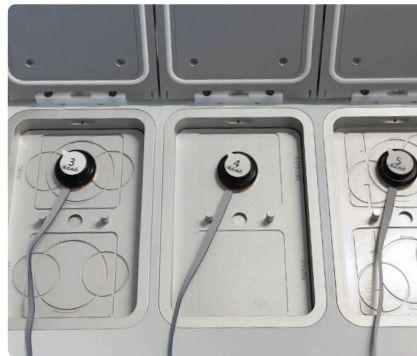
Maintaining the correct temperature within incubators is indeed vital for cell viability and development. Typically, incubators are set to 37 °C to mimic the body's conditions and promote optimal cell growth. The use of a flat temperature probe is an excellent method to monitor these conditions accurately. The copper bottom of the probe is a thoughtful design feature, ensuring efficient thermal contact with various surfaces, which is essential for reliable temperature readings and, consequently, for the health of the cell cultures.

Functions & Technology

Temperature probe

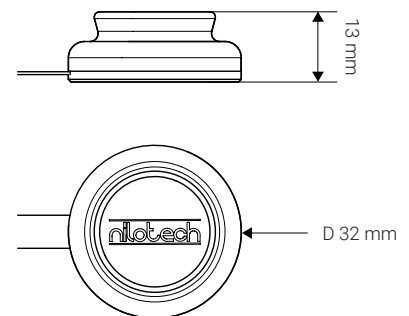
This new surface-temperature probe is ideal for controlling and calibration incubators and heating surfaces.

The design of these sensors, featuring a conductive copper base and an insulating top, ensures maximum thermal contact and accuracy. Moreover, the factory calibration of each sensor, along with the option for a third-party accredited calibration certificate, guarantees reliability



Specifications

Sensor type	Digital temperature sensor
Measure range & accuracy	-20 - 50 °C/0,03 °C accuracy possible.
Display resolution and update	0,01 °C, one update per second
T90 (min:sec)	1:45
Compliance	ISO/EN61010-1 - RoHS
	Medical grade sensor - ISO 80601-2-56
Operating conditions	0 - 50 °C/5 - 95% RH
Cable length	1,7 m (including 0,5 m flat cable)
Materials	Housing: ABS, Copper.
	Cable: TPE (Flat part), PVC (Round part)
IP Class	IP50
Calibration	Delivered with factory calibration certificate. Accuracy ±0,1 °C Can be calibrated in accordance with ISO/IEC 17025. Calibration requires adaptor. Part no: 115s001.



Ordering info

Part no: 112s001 - DT112 FC Digital Temperature Probe
Part no: 800s002 - Accredited calibration of 1 temperature sensor

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