



DT112

## Digital temperature probe

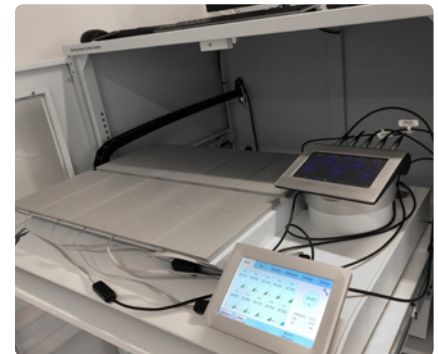
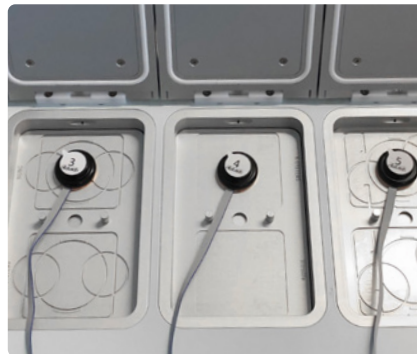
Correct temperature inside incubators or on heating plates is crucial for the survival of living cells. The flat temperature probe can be inserted into any type of incubator, without disturbing conditions. The copper bottom ensures good thermal contact to any type of heated surface and including non-metal surfaces.

### Functions & Technology

#### Temperature probe

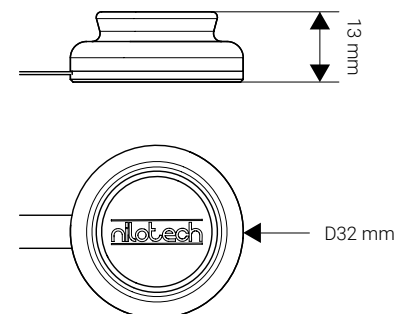
This new surface-temperature probe is ideal for controlling and calibration incubators and heating surfaces.

The bottom is made from copper to give optimal thermal contact. The probe can be placed on incubator shelf or bottom. Or it can be placed inside dishware. The insulated top minimize disturbance, when used for heating plates or inside flow cabinets.



### Specifications

<b>Sensor type</b>	Digital temperature sensor
<b>Measure range &amp; accuracy</b>	-20-50°C / 0,03°C accuracy possible.
<b>Display resolution and update</b>	0,01 °C, 1 update per second
<b>T90 (min:sec)</b>	1:45
<b>Compliance</b>	ISO/EN61010-1 - RoHS
	Medical grade sensor - ISO 80601-2-56
<b>Operating conditions</b>	0-50°C / 5-95% RH
<b>Cable lenght</b>	1,7m (including 0,5m flat cable)
<b>Materials</b>	Housing: ABS, Copper.
	Cable: TPE (Flat part), PVC (Round part)
<b>IP Class</b>	IP50
<b>Calibration</b>	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** - DT 112 FC Digital Temperature Probe  
**Part no: 800s002** - Accredited calibration of 1 temperature sensor

#### Nilotech Aps.

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