

DT121

Up-Down digital temperature probe

The DT121 Up-Down Digital Temperature Probe represents a significant advancement in precise temperature control of cell culture incubators. Its innovative design with a copper top and bottom, connected by a spring, ensures optimal thermal contact with both the chamber floor and lid. This dual-measurement capability allows for simultaneous monitoring of two critical points with a single device, streamlining the process and ensuring the integrity of the cell environment.

Functions & Technology

Dual measurements

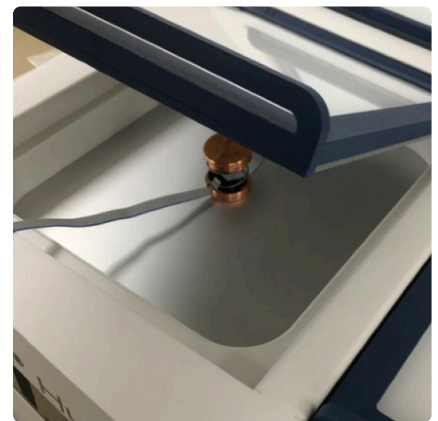
Our unique Up-Down probe is ideal for controlling and calibrating desktop incubators through its 2 digital temperature sensors.

Flexible design

The probe can be placed on a incubator chamber floor, while the spring ensures good contact between upper sensor and lid.

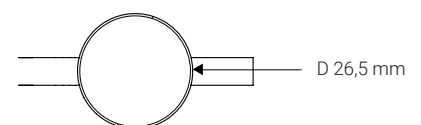
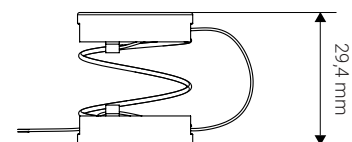
Ease of use

We have made it possible for you to connect up to 5 probes in one NiloChecker. Controlling and calibrating desktop incubators has never been faster og easier.



Specifications

Sensor type	2 x Digital temperature sensors
Measure range & accuracy	-25 - 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: 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 - DT121 Up-Down Digital Temperature Probe
(Delivered with factory calibration certificate)
Part no: 800s003 - Accredited calibration of 2 Temperature sensors.