TempStick Probe IP68



TempStick Probe IP68 temperature data logger is a miniaturized temperature recorder with cable and rigid metal probe of verious lengths and protected in a case that makes it submersible; it has a wide range of monitoring applications especially in the food and pharmaceutical industry and in the environment, for continuous monitoring in fridges and fridge cells according to ISO 9001 and 12830 standards, HACCP, FDA, BRC ecc. certification. Its reduced size and no need of external power supply make the TempStick system extremely versatile. The data logger can be supplied with calibration certificate with Accredia (Italian reference center, NIST equivalent) traceability.



The rigid metal probe is made with stainless steel AISI 316L, food grade, and is available in different types:

- 3 cm length, 4 mm diameter, rounded tip for immersion (ordering code 03)
- 8 cm length, 4 mm diameter, rounded tip for immersion (ordering code 04)
- 3 cm length, 4 mm diameter, pointed tip for penetration (ordering code 05)
- 8 cm length, 4 mm diameter, pointed tip for penetration (ordering code 06)

Cable is 4 mm diameter and has a standard length of 30 cm but it can be ordered longer.

Applications

Cold Chain

Food & Beverages

Pharmaceutical

Healthcare

Laboratories

Medical

Environment

Industrial

Main features

- Mission programming and reading using a PC through the TecnoStick Interface or SRI and FLI portable interfaces
- Reduced size for easy use for every need
- Quick response time
- **Stand-by function**: start the logger and then, using the metallic clip, set it to a stand by status. In this way you can send many pre-programmed loggers to the sender of the products without providing him with the software and the interface. Before sending the goods he will just have to remove the clip to start the acquisitions

Plus

- High accuracy and precision
- Product's core temperature controlled directly
- Submersible thanks to the protective case
- Easy to use with SRI and FLI portable interfaces
- Compliant with HACCP and EN12830 regulations
- **MKT formula implemented**, for quick data analysis, also on SRI and FLI
- Provided with calibration certificate Accredia (NIST equivalent) traceable (on demand)
- Long life battery
- User replaceable battery

The system

The TempStick system is made up by:

- TempStick data logger
- TS Manager 3 software
- TecnoStick Interface

Accessories

- TS Manager 3
- TecnoStick Interface
- TempStick metal clip

Technical specifications

Dimensions	63 h X 65 Ø (mm)
Probe dimensions	Cable 300 l X 4 Ø (mm) or longer - Probe 30 or 80 l X 4 Ø (mm) pointed or rounded
Weight	91 g
Temperature range	-30 °C ÷ +60 °C
Standard calibration points (temperature)	-30/0/20/60°C
Extra calibration points (temperature)	Within the range -40 °C ÷ +80 °C
Temperature resolution	0,03 °C
Temperature accuracy	± 1 °C without certificate / ± 0,25 °C with Accredia traceable certificate (valid in the calibration range)
Memory (n. of acquisitions)	2.730
Acquisition step	From 1 every minute to 1 every 255 minutes
Battery type	3.0V CR2032 lithium, user replaceable (2017 IATA DGR: PI970 Section II, < 4 cells)
Battery life	Up to 3 millions acquisitions @25°C +/- 10°C
Protection degree	IP68
Software&Mobile App	TS Manager 3
Accessories	TecnoStick Interface

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