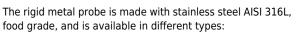
# **TempStick Probe with thin cable**

TempStick Probe with thin cable temperature data logger is a miniaturized temperature recorder with cable and rigid metal probe of verious lengths, with 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.



- 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 2 mm diameter and has a standard length of 30 cm but it can be ordered longer. Available also in the following versions:

- TempStick: with internal sensor
- TempStick Probe with handle: with cable, rigid probe, handle
- TempStick Probe: with cable, rigid probe
- TempStick Probe IP68: with cable, rigid probe, protcted in an IP68 box
- TempStick Probe -80: with cable, rigid probe, for temperatures from -80°C
- TempStick Probe 200: with cable, rigid probe, for temperatures up yo 200°C

#### **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
- Works with StickLog Pro and FridgeLog Z software

#### **Plus**

- High accuracy and precision
- Product's core temperature controlled directly
- Thanks to the thin cable it can be used through fridges' doors
- 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



### **Applications**



Cold Chain



Food & Beverages



Pharmaceutical



Healthcare



Laboratories



Medical



Logistic&Transport

# The system

The basic system, for transport, is made up by:

- TempStick datalogger
- StickLog Pro software
- TecnoStick Interface or SRI

The FridgeLog Z system, for continuous monitoring, is made up by:

- TempStick datalogger
- FridgeLog Z sotware
- FLI interface

#### **Accessories**

- StickLog Pro
- TecnoStick Interface
- SRI
- FridgeLog Z
- FLI
- TempStick metal clip

# **Technical specifications**

| Dimensions                                | 50 X 24 X 10 (mm)   |
|---|---|
| Probe dimensions                          | Cable 300 I X 2 Ø (mm) or longer - Probe 30 or 80 I X 4 Ø (mm) pointed or rounded                                   |
| Weight                                    | 36 gr   |
| Temperature range                         | -30 °C ÷ +60 °C   |
| Sensor temperature range                  | -40 °C ÷ +80 °C   |
| Standard calibration points (temperature) | -30/0/20/60°C   |
| Extra calibration points (temperature)    | Within the range -40 °C ÷ +90 °C  |
| Temperature resolution                    | 0,03 °C   |
| Temperature accuracy                      | $\pm$ 1 °C without certificate / $\pm$ 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 life                              | Up to 10 years or 3 millions of acquisitions  |
| Protection degree                         | IP63  |
| Software&Mobile App                       | StickLog Pro  |
| Accessories                               | TecnoStick Interface, SRI, FLI  |