TEMPSTICK, TEMPSTICK PROBE 🇬🇧

Miniaturized temperature data logger for fridges, cells, incubators, warehouses and transports

The ideal data logger for a safe, accurate monitoring through quick and easy solutions thanks to the wide range of choice of software and interfaces available, designed for specific applications.

System

Data loggers can be used with two different software:
- **StickLog Pro**, with TecnoStick Interface or SRI (portable interface), for an easy and quick monitoring: start the devices, do your monitoring mission, download data and analyse them. For transports and more;
- **FridgeLog**, with FLI portable interface, for continuous monitoring of fridges, warehouses, supermarkets, laboratories.
In both software analysis is made using the **MKT** formula.

Versions

The available versions are:
- **Standard**: TempStick with internal temperature sensor;
- **Probe**: TempStick with external sensor with cable stainless steel AISI food grade probe, submersible; rounded or pointed probe of 30 or 80 mm. **High response time**.

For TempStick **Standard** and **Probe** the **stand by function** is enabled: 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.

TempStick

TempStick Probe

Applications

- Monitoring of temperature controlled transports.
- Warehouses mapping and monitoring.
- Supermarkets monitoring (fridges, ovens and fridge cells).
- Monitoring of laboratory of analysis (fridges, freezers, incubators).
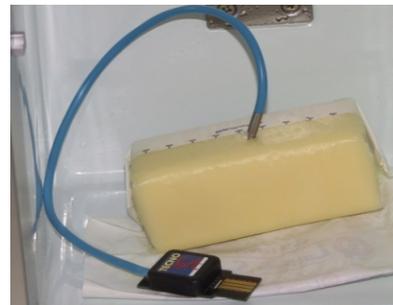- Environment mapping and monitoring (buildings, houses).

Pro

- High accuracy and precision.
- Easy to use with SRI and FLI portable interfaces.
- External probe to reach core temperature.
- 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).
- TempStick Probe can be provided calibrated at **low and high temperatures (below -80°C, up to 200°C, probe only)**.
- Long life battery.

TempStick in Stand By mode
metal clip

TempStick ready for shipment
Remove the metal clip to start acquisition according to the parameters programmed

Technical features

Model	Standard	Probe
Dimensions	50 X 22 X 10 hh (mm)	
Probe		cable BU, TF, 30 cm standard length, probe 30 or 80 mm, diameter 4 mm, rounded or pointed
Probe material	AISI316L stainless steel (food grade)	
Temperature range	-30 °C ÷ +65 °C	-40 °C ÷ +90 °C (probe only) -80 °C ÷ +200 °C (probe only; ask)
Temperature resolution	0,03 °C	
Temperature accuracy	± 0,25 °C with calibration certificate / ± 1 °C without calibration certificate	
N. of acquisitions	2.730	
Acquisition step	From 1 every minute up to 1 every 255 minutes	
Battery	10 years or 3 millions of acquisitions	
Communications	TecnoStick Interface, SRI, FLI	

Software

Type	StickLog Pro	FridgeLog
Operating systems	Windows XP, Vista, 7, 8 (32, 64 bit)	
Data management	Missions sorted by starting date and logger serial number	Continuous monitoring sorted by monitoring point with data append
Data analysis	Graph (with zoom) and table (exportable into Excel) and report printing with all data	
MKT and Parameters	Automatic calculation of the MKT and possibility to set thresholds and validity criteria	
Languages	Italian, English, German	Italian, English

External probes for TempStick Probe

	Code	Description	Available probes
	02	AISI stainless steel probe with handle, 28 cm	BL
	03	AISI stainless steel probe, rounded, 30 mm	BU, WH, TF
	04	AISI stainless steel probe, rounded, 80 mm	BU, WH, TF
	05	AISI stainless steel probe, pointed, 30 mm	BU, WH, TF
	06	AISI stainless steel probe, pointed, 80 mm	BU, WH, TF

Cable types

	Code	Description	Available sensors
	BL	Black rubber cable, max 2 metres	02
	BU	food grade rubber blue cable, 30 cm standard	03, 04, 05, 06, 07
	TF	Teflon food grade cable for temperatures from -80°C to 200°C according to requested device; 2 mm diameter, 30 cm standard	03, 04, 05, 06, 07

Product Code:
ts01ts, ts01tspl02,
ts01tspbuyy,
ts01tsp200tfyy,
ts01tsp-80tfyy

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