HumiStick

The HumiStick is a miniature temperature and humidity data logger with a wide range of monitoring applications: from temperature and humidity controlled transports of food and chemical or clinical reagents to continuous monitoring in warehouses and stockhouses. Its reduced size together with the fact that it does not need an external power supply makes it an extremely versatile system. A special filter protects the sensor from external contaminants and guarantees correct readings. The data logger can be supplied with **verification of calibration certificate with Accredia** (Italian reference center, NIST equivalent) **traceability**.

It works with the TecnoStick Interface and the SRI, the same used by the TempStick. It works also with the FridgeLog system and the FLI portable interface.

Applications

Cold Chain

Logistic&Transport

Warehouses

Pharmaceutical

Healthcare

Environment

Medical

Constructions

Food & Beverages

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
- Works with StickLog Pro, TS Manager and FridgeLog Z software

Plus

- High accuracy and precision
- Easy to use with SRI and FLI portable interfaces
- Compliant with HACCP 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 and user replaceable

The system

The basic system 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

It may be used for warehouses, environment, fridges validation:
- TempStick data logger
- TS Manager software
- TecnoStick Interface

Accessories

- TS Manager
- StickLog Pro
- TecnoStick Interface

Technical specifications

Dimensions	50 X 24 X 15 (mm)
Weight	11 g
Temperature range	-30 °C ÷ +60 °C
Standard calibration points (temperature)	5/30/50°C
Extra calibration points (temperature)	Within the range -30 °C ÷ +60 °C
Temperature resolution	0,1 °C
Temperature accuracy	± 0,4 °C from +5 °C to +40 °C / ± 1 °C from -30 °C to +60 °C
Humidity range	5% ÷ 95% RH (non condensing)
Standard calibration points (humidity)	30/50/70% @ 30°C ± 10°C
Extra calibration points (humidity)	Within the range 10% ÷ 90% RH
Humidity reslution	0,1%
Humidity accuracy	± 3% RH from 20% to 80% / ± 4% RH from 5% to 95%
Memory (n. of acquisitions)	1.365
Acquisition step	From 1 every minute to 1 every 255 minutes
Battery type	3.0V CR2032 lithium (2017 IATA DGR: PI970 Section II, < 4 cells)
Battery life	Up to 10 years or 3 millions of acquisitions
Protection degree	IP50
Software&Mobile App	StickLog Pro, TS Manager
Accessories	TecnoStick Interface