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, the same used by the TempStick.



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 TS Manager 3 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 system is made up by:

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

Accessories

- TecnoStick Interface
- TS Manager 3

Technical specifications

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 (2026 IATA DGR: Section 1.2.7.1(i), lithium-ion cells ≤20 Wh)
Battery life	Up to 3 millions acquisitions @25°C +/- 10°C
Protection degree	IP50
Software&Mobile App	TS Manager 3
Accessories	TecnoStick Interface
Dimensions	54 X 32 X 11 (mm)

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