

HumiStick



For temperature, humidity, dew point and heat index measurement

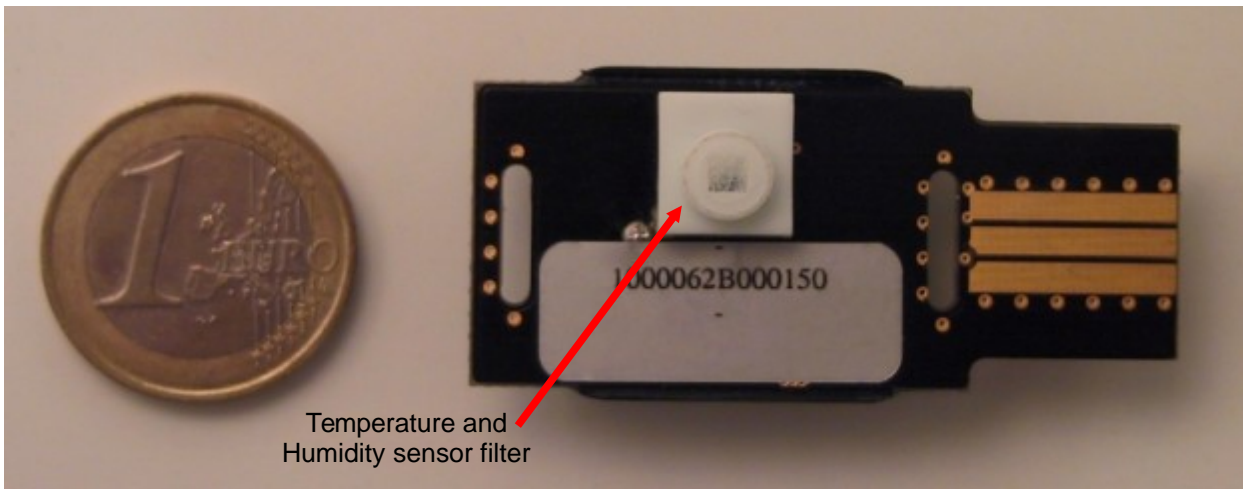
Humistick is a temperature and humidity data acquisition system made up of the Humistick data logger, a USB interface and a software program for PC.

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.



Applications

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

Pro

- 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 analysis, on SRI and FLI too.
- Provided with **verification of calibration certificate** Accredia (NIST equivalent) traceable (on demand).
- Long life battery.



Fields of application



Healthcare



Pharma



Food



Laboratory



Transports

Interface Communication

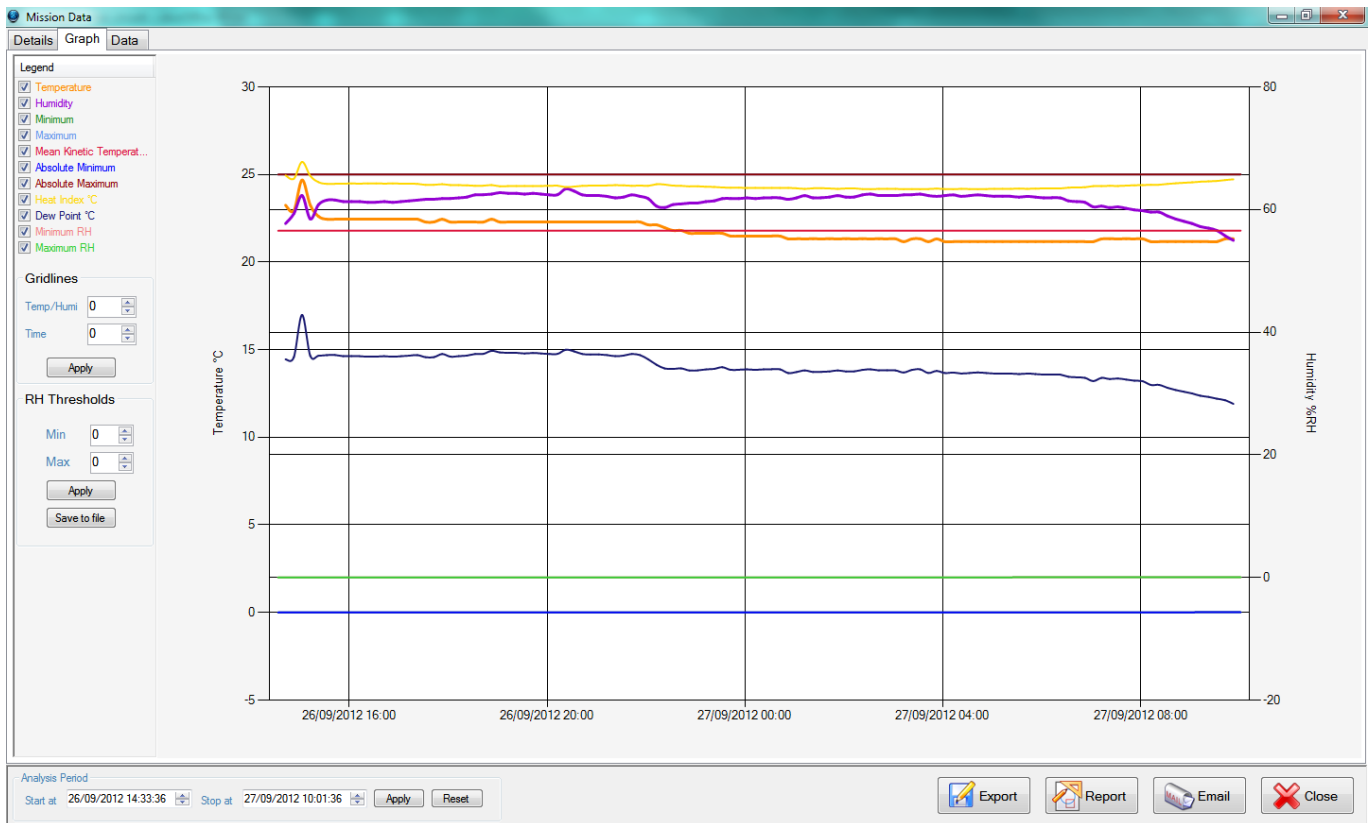
USB

Technical Data

Dimensions	50 X 22 X 15 hh (mm)
Temperature range	-20 °C ÷ +65 °C
Temperature resolution	0,2 °C
Temperature accuracy	±0,4 °C from +5 °C to +40 °C ±1 °C from -20 °C to +65 °C
Humidity range	5% ÷ 95% (non condensing)
Humidity resolution	0,1% RH
Humidity accuracy	±3% from 20% to 80% RH ±4% from 5% to 95% RH
Number of acquisitions	1365
Acquisition rate	From 1 every minute up to 1 every 255 minutes
Battery life	10 years or 3 millions of acquisitions
Communications	TecnoStick Interface, SRI, FLI
Protection degree	IP50
	30 seconds; conditions: 1/e (63%) in slowing moving air (0,03 m/s) with no teflon filter

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	Calculation of the MKT, thresholds on temperature and humidity, calculation of dew point and heat index	Automatic calculation of the MKT and possibility to set thresholds and validity criteria
Languages	Italian, English, German	Italian, English



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Product Code:
ts03hs