RHTEMP80 & RHTEMP125

High temperature data loggers, for dust, crops and drying processes (pasta etc.)

RHTemp80 and *RHTemp125* data loggers records temperature and humidity up to 80°C and 125°C. They are mainly indicated for powders, corns and similar, drying applications monitoring.

System

The loggers can be used with different software:
- **HumiPressureDisk**, for quick and simple monitoring: start the devices, do your mission, download data and analyse;
- **TS Manager**, for deep analysis and control: a **FDA 21 CFR Part 11 compatible software** with multi-level access and reports according to regulations. Designed for validation in every field, from pharmaceutical / medical to laboratories, dentists and food.

Versions

The available versions are:
- **Standard**: with standard battery
- **XL**: longer, with long life battery
Loggers are connected to the PC by means of the DiskInterface HS (HumiPressureDisk software included).

Applications

- Warehouses with powders and corn and similar.
- Pasta drying processes monitoring.
- Validation of drying machiery and processes.

Pros

- High accuracy and precision.
- Completely food grade and submersible (IP67, within 1m).
- Printed reports compliant with health regulations and ISO.
- Provided with **calibration certificate**.
- **BATTERY IS USER REPLACEABLE**.

Standard

XL

Fields of application

Healthcare

Pharma

Dentists

Food

Laboratory

Interface Communication

USB

Technical features

Model	RHTemp80	RHTemp125
Dimensions	Standard: 46 h X 17 Ø (mm)	
	XL: 71 h X 17 Ø (mm)	
Materials	Stainless steal AISI316L + POM (completely Food Grade)	Stainless steal AISI316L + PEEK (completely Food Grade)
Temperature range	-20˚C ÷ +80˚C	-40˚C ÷ +125˚C
Temperature resolution	0,015˚C	
Temperature accuracy	± 0,2˚C (0˚C ÷ +60˚C) / ± 0,5˚C (-40˚C ÷ +125˚C)	
Humidity range	0% ÷ 100%	
Humidity resolution	0,02%	
Humidity accuracy	± 1,8% (0% ÷ 85%) / ± 3% (85% ÷ 100%)	
Number of acquisitions	10.100	
Acquisition rate	From 1 every second up	
Battery life	Standard: **user replaceable**, +8.000.000 acquisitions @ 25˚C	
	XL: **user replaceable**, +14.000.000 acquisitions @ 25˚C	
Protection degree	IP67	
Communications	DiskInterface HS (HumiPressureDisk included)	

Software

Type	HumiPressureDisk	TS Manager
Operating Systems	Windows XP, Vista, 7, 8 (32, 64 bit)	
Data management	Missions sorted by start date and logger serial number	Database SQL client/server, data saved per mission, mission templates management, mission and customers archive (for validators)
Data display	HTML Report, graph with zoom, table, export into Excel	HTML Report, graph with zoom and markers, table with statistics and analysis, export into Excel
Multi-Graph		Two or more missions can displayed on a single graph
F0 and parameters		Automatically calculates the F0; the Z and N parameters of the formula can be set
Languages	English	Italian, English, German

TS Manager
Software

Product Code:
ts18rht80/ts18rht80xl
ts18rht125/ts18rht125xl

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