RHTemp125 XL



RHTemp125 XL is a temperature and humidity data logger from -40°C to 125°C (calibration from 25°C to 125°C), managed with Windows software and USB interface (DiskInterface HS, Multibay). **Battery** is **user replaceable** and the data logger is **provided with an Accredia (NIST equivalent) traceable certificate** on different points.

Among the possible applications there are the drying processes monitoring, especially of pasta, of powders and grains storehouses, of extreme environments.

There are also other models of high temperature data loggers, for pressure and temperature only too.



Applications

Food & Beverages

Environment

Validation

Pharmaceutical

Healthcare

Laboratories

Medical

Warehouses

Industrial

Main features

- Completely food grade
- User **replaceable battery** (**software shows battery status**)
- Accredia (NIST equivalent) traceable calibration certificate included
- Available **extended calibration from - 40°C** (order extra calibration points)

Plus

- High accuracy and precision
- Printed reports compliant with health regulations and ISO (data are not editable in the software)

The system

The system is made up by:

- RHTemp temperature data logger
- DiskInterface HS or Universal Multibay
- HumiPressureDisk software or TS Manager software (compatible with the FDA 21 CFR Part 11 regulation)

Accessories

- HumiPressureDisk
- TS Manager
- DiskInterface HS
- Universal multibay
- Battery kit for RHTemp80 XL and RHTemp125 XL

Technical specifications

Dimensions	71 h X 17 Ø (mm) - 18 Ø (mm) PEEK ring
Weight	57 g
Materials	Stainless steel AISI316L, PEEK, FKM (o-ring)
Temperature range	-40 °C ÷ +125 °C
Standard calibration points (temperature)	23/50°C
Extra calibration points (temperature)	Within the range -40 °C ÷ +125 °C
Temperature resolution	0,015 °C
Temperature accuracy	± 0,2 °C (0 °C ÷ +60 °C) / ± 1,3 °C (-20 °C ÷ +80 °C) / ± 2,3 °C (-40 °C ÷ +125 °C) derates linearly
Humidity range	0% ÷ 100% RH (not condensing)
Standard calibration points (humidity)	30/50/70% @32°C ± 10°C
Extra calibration points (humidity)	Within the range 10% ÷ 90% RH
Humidity reslution	0,02%
Humidity accuracy	± 1,8% RH (10% ÷ 80%) / ± 4% RH (80% ÷ 90%) @ 23°C ± 10°C
Humidity drift	1% ÷ 2% / year (depends on use conditions)
Memory (n. of acquisitions)	10.112
Battery life	+14.000.000 acquisitions at 1 second step continuously (calculated time @25°C. Battery life may be shorter if used in low temperatures)
Acquisition step	From 1 every second up
Protection degree	IP50
Software&Mobile App	TS Manager 3, HumiPressureDisk, TS Manager
Accessories	DiskInterface HS, Multibay universale

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