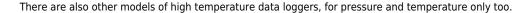
# RHTemp80 XL

RHTemp80 XL is a temperature and humidity data logger from -40°C to 80°C (calibration from 25°C to 80°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 cetificate** on different points.

It is available the L model too which has same diameter but is shorter because it hosts a smaller battery for a reduced size, along with the model for up to 125°C.

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



### **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



### **Applications**



Food & Beverages



Environment



Validation



Pharmaceutical



Healthcare



Laboratories



Warehouses



Medical



Industrial

## **Technical specifications**

Dimensions	71 h X 17 Ø (mm) - 18 Ø (mm) peek ring
Weight	57 gr
Materials	Stainless steel AISI316L, PEEK
Temperature range	-40°C ÷ +80°C
Standard calibration points (temperature)	25/50/80°C
Extra calibration points (temperature)	Within the range -40 °C $\div$ +80 °C
Temperature resolution	0,015 °C
Temperature accuracy	$\pm$ 0,2 °C (0 °C $\div$ +60 °C) / $\pm$ 0,5 °C (-20 °C $\div$ +125 °C)
Humidity range	0% ÷ 100% RH (not condensing)
Standard calibration points (humidity)	30/50/70%
Extra calibration points (humidity)	Within the range 10% ÷ 90% RH
Humidity reslution	0,02%
Humidity accuracy	± 1,8% RH (0% ÷ 85%) / ± 3% RH (85% ÷ 100%) @ 23°C
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, with 1 second steps
Protection degree	IP50
Software&Mobile App	HumiPressureDisk, TS Manager
Accessories	DiskInterface HS, Multibay universale