

LOGGER & CALIBRATION SERVICE

Logger

The Hygrochron DS1923-F5 is a rugged, self-sufficient logger that measures temperature and/or humidity and records the result in a protected memory section.

Every DS1923 is factory lasered with a guaranteed unique 64-bit registration number that allows for absolute traceability. The durable stainless-steel package is highly resistant to environmental hazards such as dirt, moisture, and shock.



Features

- Operating Range: -20 °C to +85 °C; 0 to 100 %rh
- Sampling Rate from 1s Up to 273hr
- Readings: 2,048 Temperature & Humidity Readings
- Measurement of Uncertainty can be defined
- Reader & Software required to initiate and download data from logger

Visit www.cuspor.com for more information

Reader

- USB bridge with a 1-wire RJ11 interface to accommodate loggers
- Compatible with all Windows operating systems
- All necessary drivers included with bundled ThermoTrack software
- 3 ft. coiled cable provides a flexible connection to connect logger
- Spring-loaded communication port ensures a secure connection between logger and reader during initiation and data download



ThermoTrack Software

In a few seconds, you can mission your logger and set:

- Date, time and sample rate
- Export data to a Microsoft Excel compatible format
- Check the average, maximum and minimum values
- Monitor battery levels
 - An optional Expert module available conforming with FDA CFR21 part 11

Calibration



Cuspor provides Temperature and Humidity calibration services using accredited transfer standards in the range 10 °C to 85 °C and 0-90 %rh.

We specialise in the calibration of Hygrochron DS1923-F5 loggers – typical measurements of uncertainty values are detailed in table below:

Temperature °C	°C	10 %rh	30 %rh	50 %rh	70 %rh	85 %rh
10	0.2	1.5	1.7	1.7	2.5	2.5
20	0.2	1.5	1.5	1.5	2.0	2.0
30	0.2	1.5	1.5	1.5	2.0	2.0
40	0.3	1.5	1.7	1.7	2.5	2.5
50	0.3	1.5	1.7	1.7	2.5	2.5
60	0.3	1.5	1.7	2.0	2.5	2.5
70	0.5	2.0	3.0	3.0	4.0	4.0
80	0.5	2.0	3.0	3.0	4.0	4.0

CONTACT

Phone: +353 1 5397919 / Email: info@cuspor.com / Website: www.cuspor.com