



Accurate Instruments for Your Precise Industry

ROTRONIC MEASUREMENT SOLUTIONS




PHARMACEUTICAL AND HEALTHCARE SOLUTIONS

Rotronic offers a full line of measurement instruments for all applications. Our products can be integrated into existing Rotronic infrastructures or into the latest Rotronic Monitoring System (RMS), FDA and Gamp5 compliant as well as into third party monitoring systems.

Please visit www.rotronic.co.uk for detailed information regarding these products and all the Rotronic pharmaceutical and healthcare solutions.



ECONOMICAL DATA LOGGERS



RMS-MLOG **HL-1D** **TL-CC1**

Economical humidity and temperature loggers. Single use and reusable. Standalone and wireless.

Application: Transportation, packaging, mapping ...

HANDHELDS




HP22 **HP23** **CP11**

Handheld devices for CO₂, humidity and temperature.

Application: Spot checks, indoor air quality, calibrations, transfer standards ...

BENCHTOP DEVICE






AwTherm

A professional, high-end laboratory unit for temperature-stabilized measurement of water activity.

Application: Water activity testing





PROBES



HC2A **HC2A-SM** **HC2-LDP**

Interchangeable probes provide ease of calibration and repair. Rotronic has a range of probes for all applications. Thanks to the digital communication hot swapping of probes is possible while respecting the FDA CFR 21 Part 11 guidelines. A range of simulators also exist for controlling transmitter analogue outputs.

Application: Humidity, CO₂, Pressure and dew point



CALIBRATION

HG2-S

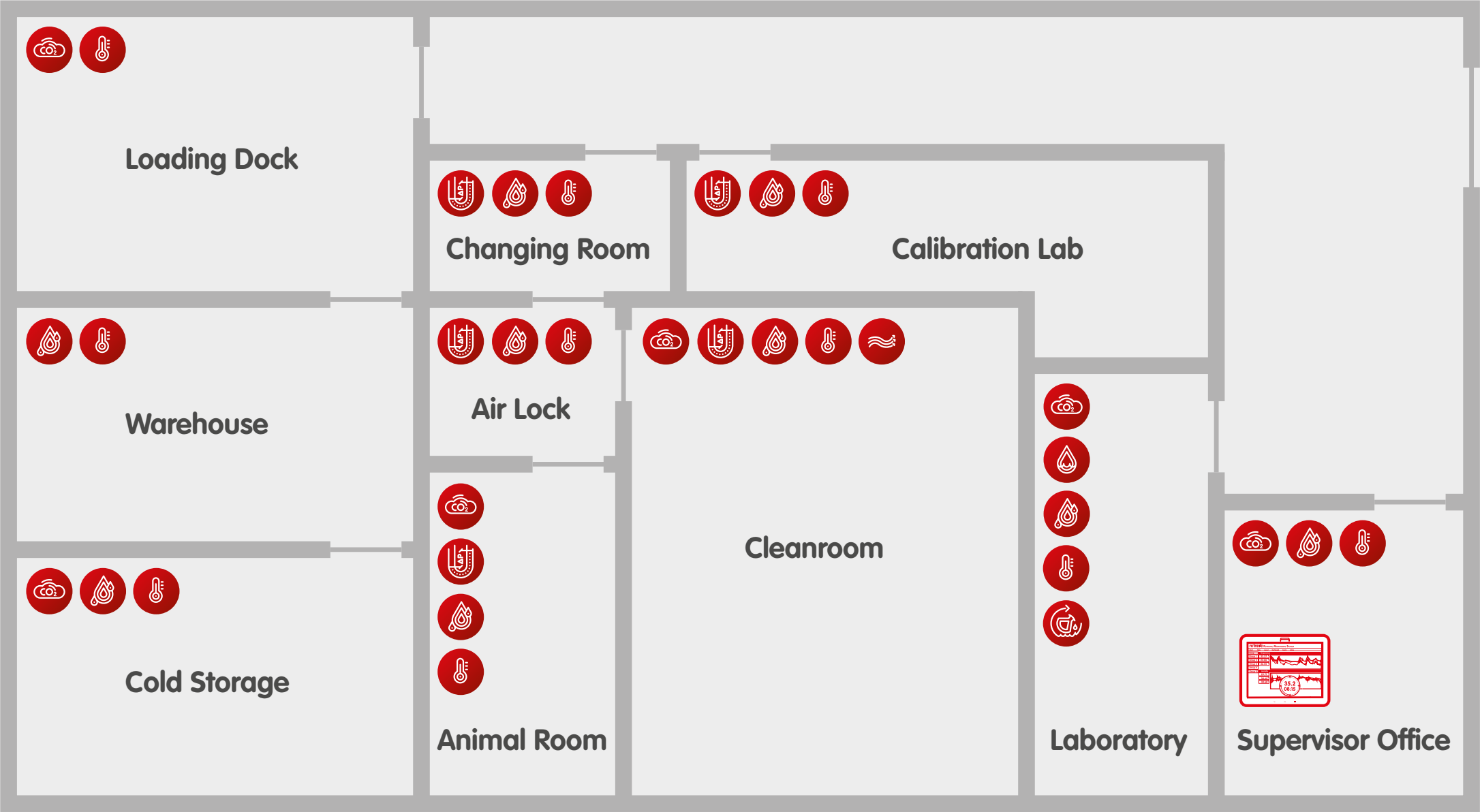
HG2-XL



The HG2 offers both a portable & laboratory version for calibration of all Rotronic and third party relative humidity and temperature probes. Fast, stable and compatible with chilled mirror references.

Application: Calibration of relative humidity and temperature probes

ROTRONIC MEASUREMENT SOLUTIONS



ROTRONIC MONITORING SYSTEM (RMS)

- Modular system of hardware elements and web based software
- Provides maximum flexibility in installation and ensures readily available data
- Data loggers record measurements from Rotronic and third-party sensors and transmit them to the secure database
- Stores information and makes it available to users, regardless of whether they access the database via a PC, Mac, tablet or smartphone

The screenshot displays the RMS interface with sections for Humidity, Temperature, and Pressure, each showing real-time values and historical trend graphs.

The architecture diagram shows a central **DB / Server Software Data Center** connected to **Alarming**, **FDA / GxP**, **Data Logger**, **SNMP / HTTP OPC**, **User Account**, and **Smartphone Tablet, PC**. It also illustrates the physical components like sensors and data loggers connected to the system.

TRANSMITTERS

HF5 Aluminium **HF5 ABS** **PF4** **CF1** **AF1**

Rotronic offers a wide range of digital and analogue transmitters. The HF5, PF4 and CF5 ranges provides the highest accuracy and best features. Our HF1, PF1, AF1 and CF1 offer economical performance. Parameters include; humidity, temperature, differential pressure, process pressure, moisture, CO₂, flow and low dew point.

Application: All control and monitoring locations. From HVAC to production and storage

CLEANROOM PANELS

CRP5 **CRP1**

Multiple sensor panels for installation in cleanrooms. Analogue inputs, outputs and relays.

Application: Cleanroom, laboratory monitoring and control storage

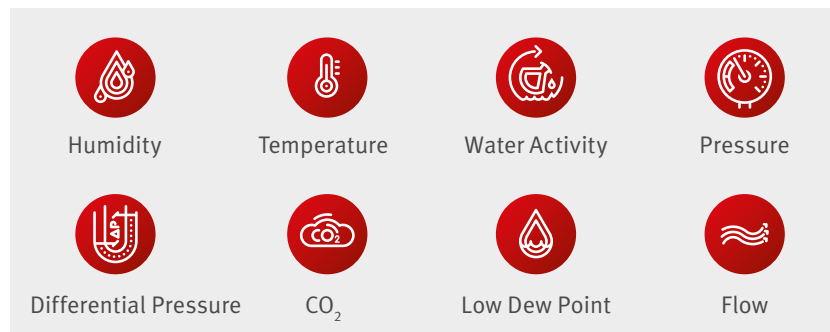
PRECISION LOGGERS

HL-NT **CL11** **RMS-LOG**

Rotronic precision loggers offer highest accuracy, reliability and security with battery backup and large on-board memory to ensure continuous monitoring. Various networking possibilities: 868 MHz, Modbus TCP, RS485.

Application: Critical or compliant environments from storage to production

WHY ROTRONIC?



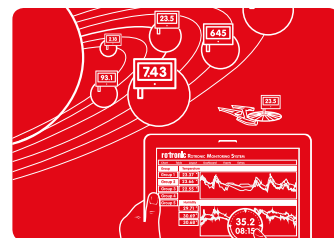
SWISS PRECISION AT THE HIGHEST LEVEL

Founded in 1965, Rotronic offers the best accuracy and long term stability in the field of relative humidity measurement and pride ourselves in continuing these offerings throughout our product range.

- Humidity, temperature, dew point, CO₂, pressure and flow specialists
- Comprehensive product line including transmitters, data loggers, handhelds and industrial sensors
- Class leading humidity probes with 0.5%rh accuracy & <1% drift / year
- Experts in challenging applications including high temperature and hydrogen peroxide environments
- Comprehensive service portfolio; Mapping, Calibration, Validation and Training
- Fully compliant monitoring system with next generation range of wired and wireless sensors
- Global sales and support network
- Full FDA 21 CFR Part 11, GxP, GLP and GMP compatibility

RMS SATELLITE SITE

Rotronic Monitoring System satellite site www.rotronic.co.uk/rms has latest updates and information for the Rotronic Continuous Monitoring System



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Cleanroom Panel CRP5

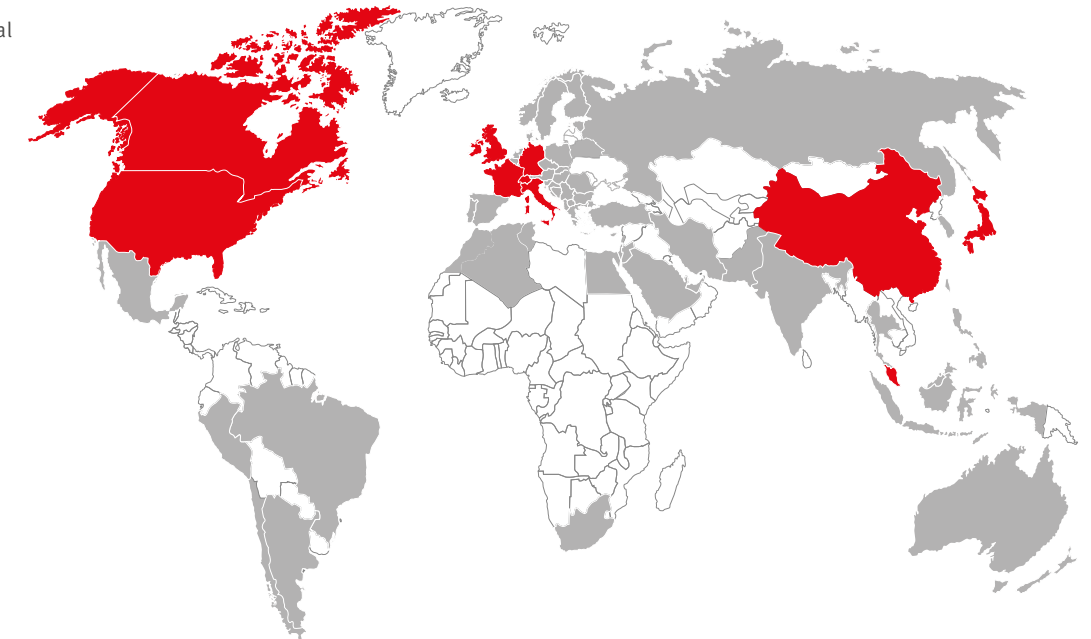


Rotronic Monitoring System

ROTRONIC WORLDWIDE

Rotronic is represented in more than 40 countries around the world. An up-to-date list of all our partners is available at www.rotronic.com/international

- Rotronic International
- Rotronic Partners



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