Heritage Environmental Monitoring Solutions

Expertly designed and manufactured environmental monitoring solutions for ultimate peace of mind.

hanwell.com
We are proud to be working with some of the World’s leading institutions
Our promise is to deliver trusted environmental monitoring solutions for ultimate peace of mind.

Ian Robinson
Managing Director
Made in-house for quality and distributed globally

Our Hanwell range of environmental monitoring and control solutions provide conservators with the information required to maintain the conditions that help preserve our heritage and keep visitors comfortable.

We have an impressive 17,500 sq ft of factory and office space in Letchworth, just north of the UK’s capital, London. Products are not only assembled within the UK, but designed and built in-house by our innovative and skilled team. Building our own radio technology in-house enables us to reach distances and overcome building obstacles that no other radio system can achieve.

Our network of over 65 partners are trained and certified to fully support, commission and train customers on our full range of environmental monitoring and control products.

By working with local partners we ensure that our products are made available to the widest audience and that we are represented by teams of professional people who are close to and understand the markets in which they are representing us. This way our customers are assured of the best service at all times.

Manufactured by Hanwell | Ellab
Hanwell Wireless Solutions

Each of our well established wireless systems incorporate our exclusive Hanwell telemetry, providing exceptionally reliable and long-range wireless capabilities that remain superior across the market.

Our reputable wireless systems are established globally within museums, galleries, historical buildings and many more sectors covering a vast array of differing applications.

Every one of our customer requirements differ, therefore our approach is to listen, to ask questions and only then offer advice on the system or product that is right for their needs.

We survey your sites, we commission your environmental monitoring systems and we offer you post-sales support for our products as and when you need it.

Accurate & reliable. Quality assured hardware that is durable and easily maintained.

Secure. Permission controls, data owned by customer.

Fully supported. Service options available for bronze, silver and gold priority.

Analytical reports. Designed specifically for Heritage applications where data analysis is critical.

Configurable to each user requirement. Unique alarm notifications, data display, sensor & multi-site grouping.

Intuitive & automated reports. Scheduled & interactive reports with clear software design for ease of use.
Superior environmental monitoring and control with high accuracy sensors, LCD display and unmatched radio strength that overcomes the most complex obstacles.

Hanwell Pro wireless solutions provide advanced capabilities through an independent system capable of data analysis and reporting, which can be used to map and verify extensive ranges of relative humidity, temperature, light (LUX), UV, air flow, transport, damp, leak, wood, utilities and many more.

Additionally the Hanwell Pro radio systems can be used to control environments, either by integrating into an existing control system or used in isolated areas such as with humidifiers and dehumidifiers.

Hanwell EMS

Comprehensive software, like nothing else. Managing environmental data has never been so easy – whatever and whenever you need it – from wherever you are.
Control
Integrate into Hanwell wireless systems

MS1000
For a complete closed loop environmental control system, the MS1000 system is intended to allow radio sensors to directly replace wired-in sensors in building environmental control where the 3rd party building management system can directly accept analogue or digital signals.

In addition, because the MS1000 system uses radio for the communication between sensors and the control system data is recorded, monitored and reported on to ensure that environmental criteria are being met.

Humidifiers & Dehumidifiers
Hanwell’s humidity control range provides comprehensive and flexible solutions for humidifying and dehumidifying to suit individual preferences. Additionally, selected humidifiers and dehumidifiers can be automatically controlled using cost-effective humidistats for standalone solutions or interfaced into a local BMS for automated control if constant and consistent conditions are critical.

For more information, visit hanwell.com
Humidifiers and dehumidifiers are not available in the USA
Standalone instrumentation
Static & transport monitoring

Data loggers

Top quality, Hanwell Pro data loggers are available off-the-shelf or made to order depending on your monitoring requirements and provide fast and accurate data within small to medium or isolated areas. These can be used as a standalone solution, for transportation purposes, or in conjunction with a wireless system.

Having the ability to download data loggers directly into Hanwell EMS enables data from multiple sites to be kept on one software platform, for secure multi-user access.
It never occurred to me that I could do an anoxic treatment, first because I thought only a conservator could, and secondly because of the expense

Mrs Main
Head Curator, Wardown Park Museum

Insect Pest Management

The Hanwell Anoxibug system provides conservators with an anoxia treatment that is 100% effective, safe to use and non-disruptive.

The treatment can be used by museum staff on all organic materials with no risk of damage.

Advantages of Anoxibug treatment

- Simple and inexpensive
- Appropriate for a wide variety of collection materials
- Oxygen scavengers are not registered pesticides; no licensing is required

Some variants shown above are not available in the USA
Due to our ability to design and manufacture in-house, our Hanwell wireless systems can accommodate the output from virtually any type of commercially available sensor, making it the most flexible hardware available today.

If you have an unusual or specific application that needs monitoring please contact us, as we will almost certainly have a solution for you.
Providing a premium service

Accurate calibration

We pride ourselves on our ability to remain flexible to each customer’s individual requirements, enabling units to be calibrated either in-house or on-site and have invested a huge amount of time and resource to this area of our business for added quality assurance purposes.

Instruments can be adjusted and calibrated to satisfy the most demanding applications, hence guaranteeing data on which you can rely absolutely.

We offer traceable and UKAS ISO 17025 calibration and adjustment for temperature and humidity instruments.

Additionally, the Hanwell EMS software retains calibration information for each transmitter and automatically runs scheduled reports showing calibration due dates.

Service Packages

Our Customer Service team ensures the smooth running of your chosen Hanwell system from your initial purchase and throughout its many years of use.

We offer a number of service and maintenance options to suit individual requirements and budgets; from out-of-hour telephone and remote support, to having an engineer on-site when you need them most.

Ask about our range of packages today.
Since the late 1940’s Ellab A/S has been a leading manufacturer of complete Thermal Validation Solutions for food, pharmaceutical, medical and other industries where thermal processing involves safety, energy savings, improvement of quality, and optimization.

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