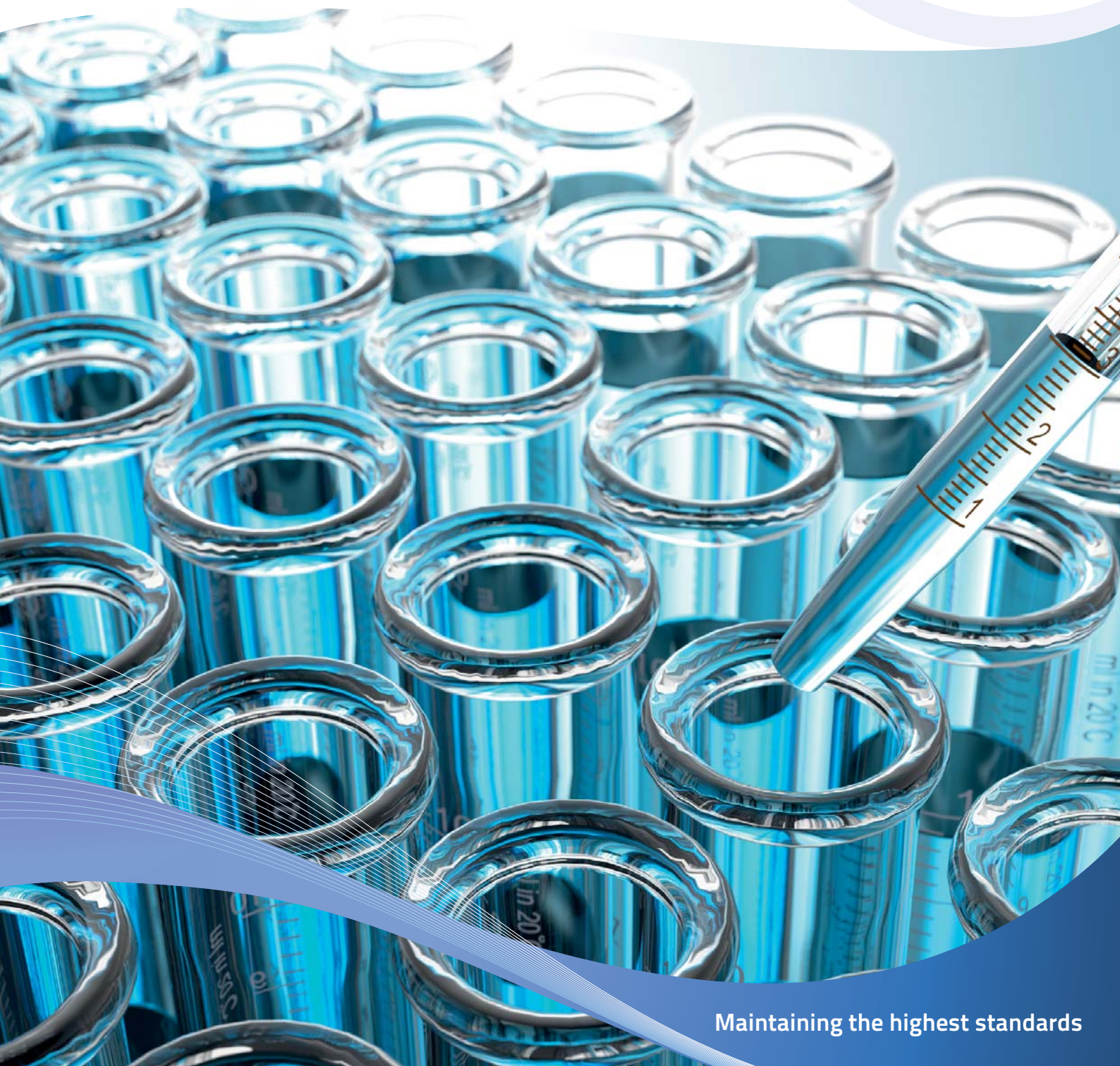




Comark Instruments

Measuring and monitoring the healthcare industry



What makes Comark the experts

Temperature measurement in healthcare

A thorough understanding of temperature regulations and guidelines within the healthcare, clinical research, laboratory and pharmaceutical sectors, combined with an advanced range of premium temperature measurement products, makes Comark uniquely qualified to advise and assist relevant organisations achieve compliance and safeguard reputations.

The MHRA for example, is pushing for continuous temperature monitoring right across the cold chain - from manufacture and storage right through to transportation. Applied effectively, this not only provides evidence that stringent safety and quality standards are being maintained, it also helps to ensure hard won reputations are protected. Many organisations already specify Comark Instruments to ensure all relevant standards continue to be met.

Typical Applications Healthcare and Laboratories

Common requirements are monitoring and maintaining accurate records of the operating temperatures of key equipment such as fridges, freezers, incubators and water baths, or monitoring the ambient temperature in sensitive work areas. With many healthcare and pharmaceutical companies becoming increasingly global organisations, it is more important than ever to have safe-guards in place to protect temperature sensitive medicines. The industry is highly regulated and costly and sensitive products could be in danger if optimum storage temperature and humidity levels are not maintained - and there's the added risk of product recalls and loss of reputation.

RF500 Wireless Monitoring for temperature sensitive environments

The RF500 System allows constant 24/7 wireless monitoring of a range of environments including fridges/freezers where highly sensitive products are stored, with the data transmitted back to a central 'Gateway' unit.

For those working in laboratories where highly valuable samples or irreplaceable trial materials are stored, traceability is assured and legislative requirements are met with a network of alarms set to detect any 'out-of-range' incidents that could damage stock.

By incorporating an RF512 transmitter, it is possible to measure and monitor blood core temperatures using a special duplex probe inserted into a blood bag containing a glycerol solution, then positioning it amongst the stored blood. Because each channel of the RF512 transmitter can be programmed with different alarm temperatures and alarm delays, simultaneous monitoring of the air temperature of the fridge freezer can also be achieved. It is possible to dictate a short time delay for the fridge temperature and have a zero time delay for alarm notification from the blood core sensor, thereby aiding compliance with MHRA and CFR 21 Part II guidelines*.

*Please check recommendations for your particular application. This is not a system for critical care as a first line of alarms.

Traceability is assured and legislative requirements met with RF500 Wireless Monitoring





Hand Held Thermometers

Hand held thermometers can be found in daily use throughout all sectors from pharmaceutical production areas through to pathology and haematology labs. Comark offers a choice of instruments built to withstand rough treatment that feature easy to clean waterproof cases, incorporate sealed soft touch keypads and are supported by an extensive range of core, surface, liquid and air probes. Uniquely, all Comark C and N series thermometers incorporate BioCote® antimicrobial* for increased protection when used in areas where cross-contamination could be an issue. C series thermometers cover most day to day applications and are ergonomically designed for ease of use and comfort in the hand.

Diligence WiFi

Cloud based data logging - view data from any internet enabled device

Whether it's recipe ingredients or finished products, keeping temperature sensitive food within required limits during production and storage is vital. Customers demand it, consumers expect it, regulations insist on it, and the time may come when you need to prove it.

Diligence WiFi data loggers can monitor all your food storage and service areas from freezers, chillers and refrigerators through to cooking and holding temperatures. You are safe in the knowledge that alerts will notify you if anything does go wrong.



Diligence and Auditor

Data loggers that stay on duty when you're off, Diligence EV Data Loggers are independent stand alone units and are ideal for smaller operations. These can provide continuous monitoring of fridges and freezers and reporting is via a specialist software package. Comark's N5000 Auditor can be pre-programmed to collect due-diligence and any other task based data for audit reports and day-to-day management. Critical control points can be monitored with no paperless records to provide tamper-proof data and audit reports.

Use with Comark Cloud to:

- View data via smartphone, tablet or PC
- Receive real time alarms via email or SMS text*
- Protect your critical assets with cloud based wireless temperature and humidity monitoring



Contact Us

We understand there are times when our customers may need guidance on the best solution for their requirements. If you would like further information or to discuss your temperature monitoring application, please contact our customer service department who will be pleased to assist.

We are here to help so please contact us on:

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