SUPPORTING THE COVID-19 VACCINE
TEMPERATURE MONITORING

ABOUT US

Comark Instruments has over 50 years' experience as a leading, global manufacturer of high quality, precision food thermometers, data loggers and wireless temperature monitoring solutions.

For many years we have been trusted supplier by leading healthcare brands where accurate temperature monitoring of blood, tissues, drugs and vaccines throughout the supply chain is critical to the delivery of high quality products and experiences. Our wireless temperature monitoring solutions provide data integrity, peace of mind and reporting for audit purposes.

Comark Instruments also supplies other industrial sectors including scientific research, laboratories, HVAC, refrigeration and food.

THE COVID-19 VACCINE
IMPACT

As we all are aware, the COVID-19 pandemic has created an unprecedented demand on healthcare systems all over the world. With recent news of vaccines being available imminently from Pfizer BioNTech and Oxford-AstraZeneca among others, details of the requirements needed for each vaccine are now being released, such as storage in 'ultra low' temperatures down to -80°C to ensure the stability of the product, a significantly lower temperature than other routine vaccines require. Industry professionals now look to create collection to injection strategies to manage large volumes, demand and exceeding temperature sensitivity in transit as well as storage. Pharmaceutical and healthcare systems are needing support to quickly establish supply chains with exacting, reliable temperature requirements.

COMARK
A Fluke Company

HOW COMARK CAN HELP

Comark is committed to supporting healthcare industries across the globe in the wake of the COVID-19 pandemic, to expand their capabilities and use our expertise and knowledge to provide dependable, precise solutions to critical temperature measurement issues.

Now more than ever the requirement for professional, critically reliable, efficient temperature monitoring systems will enable healthcare industries to have automated, traceable data management with custom alarm notifications of temperature breaches to ensure urgent response times for maximum product viability and success.

OUR SOLUTIONS

Our range of temperature monitoring systems allow the ultimate flexibility in temperature measurement to provide a suitable solution throughout the cold-chain, from vaccine development, transport, distribution, storage or patient location.

Comark can advise a bespoke network of wireless transmitters and probes to provide 24/7 temperature monitoring, custom alerts and reporting capabilities using the Comark Cloud platform. Both the RF300 and RF400 systems use your existing WiFi network for simple self set-up and execution, whilst our N2000 range of stand-alone data loggers doesn't require any system integration and therefore can be used during transportation. All of our range of models have also been designed to solve all of the key application issues, including to measure in the most extreme settings, such ultra-low temperature freezers down to -200°C and up to +1300°C.

With UKAS Certified calibration at ultra-low temperatures, our wireless temperature monitoring systems are the ideal solution for COVID-19 vaccine storage, maintaining the 'cold chain' with a reliable, 24/7 automated system to ensure the ultimate level of compliance and safety in these demanding times without the need for timely manual recording.

DISCOVER MORE   CONTACT US

AT A GLANCE

EXPERT INDUSTRY KNOWLEDGE TO AID PRODUCT SELECTION, INSTALLATION & ONGOING MANAGEMENT

UKAS CERTIFICATION

ACCESS TO THE COMARK CLOUD FOR REAL TIME ALERTS & RELIABLE TRACEABILITY

PROVIDE PRODUCTS TO BE USED THROUGHOUT VACCINE DEVELOPMENT, TRANSPORT AND FRONT-LINE

ACCURATE TEMPERATURE MONITORING BETWEEN -200°C AND +1300°C FOR ULTRA LOW VACCINE MONITORING

TRUSTED BY INDUSTRY PROFESSIONALS ACROSS THE WORLD

Diligence WiFi

DATA LOGGERS

RF314DUAL DATA LOGGER WITH TWO THERMOCOUPLE PROBES

- Available a single thermocouple probe data logger (RF314-TC) or a dual model which measures two temperature points with one device via two thermocouple probes.

- Temperature range: −270°C to +1372°C / −454°F to +2501°F

- Compatible with a large range of Comark probes sold separately

- Supplied with removable thermocouple probe, wall bracket and micro USB Lead

- Used with the Comark Cloud App for a range of reporting and advanced notification options

For the full range of RF300 Wireless Monitors please click here to visit our website

RF414-TC DUAL TEMPERATURE DATA LOGGER

- Measurement Range K Type: -200°C to +1300°C / -328°F to +2372°F

- Typical Accuracy: ±1°C / ±2°F

- Supplied with RF404-TC Adaptor and Type K probe with 1.5m lead

- Powered using the supplied AA cells

- Batteries can be supplemented with a mains power supply, RF420 available separately

- Compatible with Type T and Type K probes with a sub-miniature connector

- Local Alarm Notification via Multi-colour LED and Buzzer

- Used with the Comark Cloud App for a range of reporting and advanced notification options

For the full range of RF400 Wireless Monitors please click here to visit our website

RF516 PT100 WIRELESS TEMPERATURE TRANSMITTER

- External Pt100 Sensor Range: –328°F to +752°F / –200°C to 400°C
- Integral temperature sensor and connectors for one external Pt100 temperature sensor and an external door sensor.
- PT100 temperature sensor for precision readings in sensitive applications
- LCD screen for local temperature display at point of measurement
- LEDs allow checks of active/alarm indication in situ
- Selectable scales °C/°F/K
- BioCote Antimicrobial Protection to inhibit growth of bacteria, mould and fungi providing an extra line of defence in high-risk environments
- High gain antenna available

For the full range of RF500 Wireless Monitors please click here to visit our website

STAND-ALONE DATA LOGGERS

N2014 MULTI-SENSOR TEMPERATURE DATA LOGGER

- The N2014 Multi-Sensor Temperature Data Logger allows you to monitor temperature at up to three different points, with a wide variety of probes making it suitable for air and core temperature monitoring including in ultra-low freezers
- Designed to be used without a WiFi connection our data loggers may be used in a multitude of settings including transport.
- Sensor Types: Thermistor, Thermocouple (T & K)
- Monitor up to three fridges, freezers or ultra-low freezers
- Battery Life: Up to 5 Years
- Warranty: 2 Years
- Also available as a kit for fridge mapping purposes

For the full range of N2000 Data Loggers please click here to visit our website

COMARK CLOUD

The Comark Cloud provides complete visibility and control of your continuous temperature monitoring data in an easy to read dashboard, accessible 24 hours a day via a web browser or our app.

Negating the need for manual checks and recordings, the Comark Cloud can provide custom alerts via email or SMS via TextMagic.com when the temperature levels change outside accepted parameters for a more reliable and resource efficient system.

It can be used to monitor and report on one location or multi-site operations.

QUICK VIEW DASHBOARD

Check the most important information and review the system at a glance.

- See favourite data logger status easily
- Review recent data logger events
- View data, and clear alerts
- Quickly navigate to the detail on data loggers, stored data and events

DATA LOGGER MANAGEMENT

Manage your data loggers from the management screen.

- Search by data logger location, filter by type, or use text-based search
- Quickly access and change data logger settings
- Easily acknowledge and reset alarms devices, data and events

COMARK CLOUD APP

Use the Comark Cloud App to set up and access data conveniently using a smartphone or tablet

- Download easily from the App Store or on Google Play.
- Monitor your data loggers on-the-go
- View all data logger data live in a range of format styles
- Receive notifications if a data logger goes into alarm mode

ADVANCED ALARMS

Never miss a critical event in your system.

- Real time alarms via Email and SMS text message
- Notify multiple recipients
- Delay and repeat notifications
- Escalate ignored notification

DATA ANALYSIS & MONITORING

Review and analyse your data with powerful graphing functionality:

- Compare data from multiple devices
- Compare data from different time periods
- View data summaries
- Print or export your results

CLICK HERE FOR MORE INFORMATION