

# COVID-19 VACCINE

## Temperature Monitoring Solutions

## Vaccines are particularly sensitive to problems with temperature control in the cold chain, because of:

- **Risk.** The effects of vaccine damage due to poor temperature control are potentially life-threatening.
- **Difficulty detecting damage.** It can be difficult or impossible to detect visually when a vaccine has been rendered inactive due to being stored at an improper temperature.
- **Complex supply chains.** Vaccines are frequently distributed over long supply chains, sometimes through areas with unpredictable environmental temperature fluctuations. Vaccine distribution also involves handling by manufacturers, distributors, and healthcare workers, all of whom have different areas of expertise and backgrounds.



Our company, **Asia Accudata Enterprises** offers wide variety of COVID-19 Temperature monitoring solution. It provides turn-key solution for ensuring compliance, quality and ultimately public health solutions.

It is designed specifically to address the strict protocols and storage for transporting requirements surrounding the new COVID-19 Vaccines.

Our temperature monitoring products is capable of measuring and recording as low as -100 Celsius



Vaccine Manufacturing



Transporting Vaccine



Storing Vaccine

# COVID-19 Vaccine Data Loggers Overview

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# Madgetech VFC2000

Capable of measuring and recording temperatures as low as  $-100^{\circ}\text{C}$  ( $-148^{\circ}\text{F}$ ), the MadgeTech VFC2000 comes with all the tools needed to ensure vaccine distribution and storage plans are operating in compliance with CDC and VFC regulations.



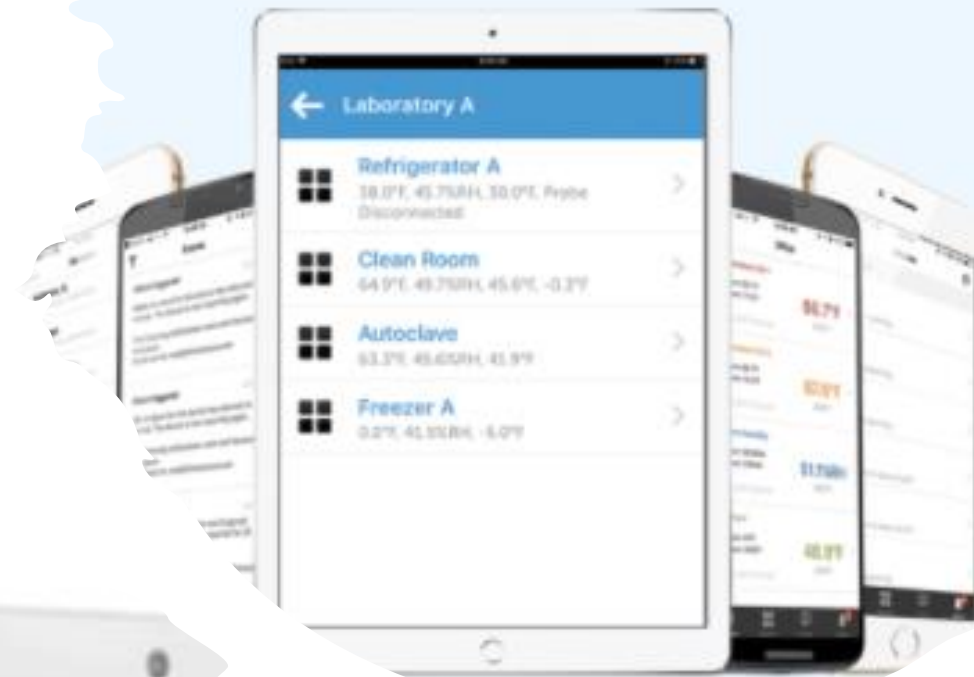


# DicksonOne Data Loggers

Monitor your environment from anywhere, 24/7

DicksonOne is a cloud-based remote monitoring system that monitors your most important environmental variables including temperature, humidity, and differential pressure. Collect all your data in a single platform, and monitor and receive alerts on any device. With DicksonOne, even the most heavily regulated environments can meet compliance requirements with ease.

- ✓ Protect Assets.
- ✓ Maintain Regulatory Compliance
- ✓ Simplifies Monitoring
- ✓ Provide complete monitoring solution



**Dickson DWE**  
Display Logger



**Dickson TWE**  
Touchscreen Logger



The **CryoTemp** is a stand alone, ultra low temperature logger that can measure as low as  $-86\text{ }^{\circ}\text{C}$  without the need for external probes. The enclosure is designed with a handle for easy attachment and is IP64 (splash-proof). It is equipped with three LED's to signify logging, indicate when user-set warning limits have been breached and when temperature alarm limits have been exceeded. The features of this device make it ideal for monitoring pharmaceutical shipments, blood-bank storage, stem-cell samples and any other substance that requires dry-ice shipments or storage.

The TC101A is a compact, thermocouple-based temperature data logger. This device is available in three thermocouple connection options: miniplug, screw terminal and terminal block. Compatible with eight different types of thermocouple probes, the TC101A can measure temperatures as low as  $-270\text{ }^{\circ}\text{C}$ , and up to as high as  $1820\text{ }^{\circ}\text{C}$  (probe dependent), with an environmental operating temperature range of  $-40\text{ }^{\circ}\text{C}$  to  $+80\text{ }^{\circ}\text{C}$  ( $-40\text{ }^{\circ}\text{F}$  to  $+176\text{ }^{\circ}\text{F}$ ). The TC101A also features a 10-year battery life and the memory storage capacity of up to 1,047,552 readings.





## Dickson DSB Data Logger

The fully redesigned Dickson Display Logger (DSB) incorporates features from our best selling devices into non-connected units. With the logger, it's easy to collect temperature and humidity data from Dickson's Replaceable Sensors. Let Dickson be proactive about your data so you don't have to be!

## The LogTag<sup>®</sup> Vaxtag

features a data logging memory storing up to 7770 temperature readings and a separate rolling 30-day statistical max/min reading and duration memory. The LogTag<sup>®</sup> Vaxtag is intended for use as the principle means for monitoring storage conditions in vaccine refrigerators in intermediate stores and health facilities and is specifically configured and packaged to be compliant to the World Health Organization (WHO) PQS specification E006/TR06.3.





# Asia AccuDATA Enterprise

For more assistance with **Dickson, MadgeTech and Logtag** products and our services, please call, text or email us in the contact information below.

We are more than willing to discuss your critical data capture needs in more detail.

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We, Asia Accudata Enterprise, We'll help manage your compliance process from start to finish.