MADGE TECH
WE BUILD DATA LOGGERS

Logicbus

REGISTER AND MONITOR YOUR APPLICATIONS WITH MADGETECH

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FOOD PROCESSING
SCIENCE
B8I GHF 5@ 5DD@=75H CBG

20 examples of applications with MadgeTech equipment

FOOD PROCESSING

BEER BROCHURE

Modern technology has significantly improved process control for brewers and consequently product quality. MadgeTech data loggers give beverage creators a complete picture of their beer at key control points that affect taste, stability and consumer safety.

Why choose MadgeTech?

Pasteurization is a process that revolutionized the world of beer consumption, Madgetech has allowed the endless experimentation of craft brewers and the extreme precision of their measurement tools.

Products that can help you

- RFPRHTEMP2000A
- PHTEMP2000
- MICROTEMP

FOOD PROCESSING

DAIRY BROCHURE

MadgeTech provides data logging solutions to help small dairy farmers and other dairy applications monitor environmental parameters during processing and distribution. Temperature and humidity sensitive products must be kept within strict limits to ensure freshness and maintain quality.

Why choose MadgeTech?

Pasteurization is the process of heating something up quickly and then cooling it down again. Madgetech has allowed us to keep track of these processes with precise measurements to ensure that everything is under control.

Products that can help you

- HITEMP140
- TRANSITEMP-EC-MULTI
- RFRHTEMP2000A
- RFTCTEMP2000A
- MICROTEMP

FOOD PROCESSING

FOOD PROCESSING BROCHURE

MadgeTech offers a diverse line of wireless data logging systems for facility and environmental monitoring. This allows FSQA personnel to view product and process temperatures in real time. From refrigerators to freezers and blast chillers, from the production floor to packaging and storage.

MadgeTech provides a solution of temperature data monitoring and easily scalable humidity even for the most challenging environments.

Why choose MadgeTech?

MadgeTech has been a key resource to the food and beverage industry for over 20 years, offering a wide range of temperature monitoring solutions.

Products that can help you

- RFOT
- MADGETECH 2000A SERIES
- RFTCTEMP2000A
- RFC1000
- HITEMP140
- CF200
- MICROTEMP

FOOD PROCESSING

GROCERY BROCHURE

MadgeTech has a deep commitment to facilitating regulatory compliance and promoting best practices in food safety.

MadgeTech data loggers and monitoring systems have become synonymous with HACCP compliance and process verification throughout the food industry.

Ensure safety, quality and efficiency by measuring and recording crucial data to detect inconsistencies in your industrial processes.

Why choose MadgeTech?

MadgeTech offers in-house standard and custom calibration services including ISO/IEC 17025 accredited calibrations for certain products.

Products that can help you

- TRANSITEMP-EC
- TEMP101A
- HITEMP140
- RFOT
- RFRHTEMP2000A
- RFC1000

FOOD PROCESSING

MEAT BROCHURE

MadgeTech data loggers provide an optimized solution for measuring and recording the cooking, cooling and storage of meat and food products.

These wireless loggers are placed throughout facilities to measure processes such as cook and chill cycles or environmental monitoring in refrigerators, freezers or warehouses.

Why choose MadgeTech?

Meat processing consists of verifying the elimination of bacteria. Meat processors rely on MadgeTech data loggers to accurately and efficiently validate that all critical limits were met correctly.

Products that can help you

- RFOT
- RFRHTEMP2000A
- RFTCTEMP2000A
- RFC1000
- LCS140
- THERMOVAULT
- THERMAL SHIELD

FOOD PROCESSING   SEAFOOD PROCESSING BROCHURE

MadgeTech has wireless data loggers that provide the ultimate environmental monitoring solution for seafood production facilities, warehouses, retail locations and more.

Ideal for:

- Supervision of storage to avoid deterioration
- Temperature mapping of production facilities and warehouses
- User programmable visible or audible alarms
- Configuration of notifications by text message or email

Why choose MadgeTech?

To ensure food preservation is carried out in accordance with food safety regulations, Data Loggers provide validation that specific time and temperature thresholds have been reached.

Products that can help you

- RFOT
- RFTEMP2000A
- RFC1000
- HITEMP140
- CRYOTEMP
- CF200 CANNING FITTING

FOOD PROCESSING

WINE PROCESSING BROCHURE

MadgeTech data loggers are designed to ensure product quality from vine to bottle. Wine processors have temperature and humidity guidelines to preserve the quality, freshness and desired flavor of the product.

These parameters can be monitored during fermentation, shipping, and storage. These wine data loggers are small and durable, allowing them to be easily integrated into all aspects of processing.

Why choose MadgeTech?

MadgeTech offers data loggers for wine production to monitor temperature and humidity throughout the production, shipping and storage steps.

Products that can help you

- RAIN101A
- WIND101A
- MICROTEMP
- HITEMP140
- TRANSITEMPII

FOOD PROCESSING

RESTAURANT BROCHURE

MadgeTech has wireless data loggers that provide real-time temperature and humidity data to restaurant staff or national and regional managers.

Data loggers can be deployed throughout facilities in key areas and monitor information from a computer or phone.

To keep track of food as it is being transported, MadgeTech manufactures loggers that travel with food in trucks and containers to provide a clear picture of product exposure during transport.

Why choose MadgeTech?

MadgeTech offers in-house standard and custom calibration services including ISO/IEC 17025 accredited calibrations for certain products.

Products that can help you

- RFRHTEMP2000A
- RFTCTEMP2000A
- TEMP101A
- HITEMP140
- RFOT
- RFC1000

FOOD PROCESSING

CHOCOLATE BROCHURE

MadgeTech loggers are ideal for continuously monitoring ambient temperature and humidity while producing or storing chocolate, candy, sugar and other sensitive ingredients.

There are several MadgeTech loggers that have an audible alarm to alert nearby users. Email and SMS alerts can also be configured.

Why choose MadgeTech?

Ideal loggers for monitoring chocolate from processing to shelf. They can monitor temperature and humidity for chocolate processing.

Products that can help you

- RFRHTEMP2000A
- RHTEMP101A
- HITEMP140-PT

SCIENCE   MEDICAL & PHARMACEUTICAL BROCHURE

MadgeTech has designed a series of data loggers specifically to validate temperature and pressure in autoclaves.

These rugged, self-contained, fully immersible devices can be placed directly inside the autoclave with products, providing an overall temperature and pressure profile to validate the entire sterilization cycle.

These equipment can be used in applications such as:

- Steam sterilization
- Dry heat sterilization
- Sterilization with ethylene oxide
- Cold chain and storage
- Vaccine monitoring
- Lyophilization
- Cryopreservation

Why choose MadgeTech?

MadgeTech offers in-house standard and custom calibration services including ISO/IEC 17025 accredited calibrations for certain products.

Products that can help you

- HITEMP140
- PR140
- DHS
- RHTEMP1000IS
- TEMP101A
- THERMAL SHIELD

MadgeTech data loggers come with all the necessary tools to ensure that vaccine storage and distribution plans are operating in accordance with certain regulations.

Thermometers and data loggers associated with vaccine storage are held to high standards to qualify for participation in governments' vaccination programs.

Why choose MadgeTech?

Vaccines are chemical and biological products which makes them sensitive to both cold and heat. MadgeTech specializes in data logging solutions designed specifically for vaccines and strict industry standards.

Products that can help you

- VFC2000-MT
- VTMS

SCIENCE

AGRICULTURE BROCHURE

Rising CO2 levels stimulate plant growth, but too much CO2 is just as toxic to plants as it is to humans.

MadgeTech equipment allows growers to track temperature, humidity and CO2 levels together for a complete profile of factors affecting their plants. These pieces of equipment can be monitored remotely from a computer, or a phone.

Why choose MadgeTech?

MadgeTech offers in-house standard and custom calibration services including ISO/IEC 17025 accredited calibrations for certain products.

Products that can help you

- ELEMENT HT
- ELEMENT CO2
- PHTEMP2000

SCIENCE

EtO BROCHURE

MadgeTech has robust temperature and humidity data logging solutions.

The RHTemp1000IS and IFC406 are FM approved equipment to be intrinsically safe for Class 1, Division 1, Groups A, B, C and D, as they are certified safe for use in many hazardous locations where explosive gas atmospheres are present. These kits have the ability to resist various chemical liquids and vapors such as isopropyl, benzene, toluene, formaldehydes, oils, and common cleaning agents.

Why choose MadgeTech?

To help with sterilization validation, MadgeTech offers a line of data loggers designed specifically for the job.

Products that can help you

- RHTEMP1000IS
- IFC406

INDUSTRIES

ALTERNATIVE ENERGY BROCHURE

MadgeTech data loggers can be used to monitor and record parameters in studies of alternative energy production and use. These loggers include pressure, temperature, pulse, event and shock devices.

Measuring and auditing energy consumption is another way data loggers help support and guide the energy industries, MadgeTech loggers can be used in applications such as:

- Solar energy
- Wind
- Hydroelectric
- Geothermal

Why choose MadgeTech?

MadgeTech offers in-house standard and custom calibration services including ISO/IEC 17025 accredited calibrations for certain products.

Products that can help you

- RFVOLT2000A
- VOLT101A
- WIND101A
- SHOCK300
- PR1000
- PRTEMP1000D

INDUSTRIES

WASTEWATER BROCHURE

These kits can accurately monitor and record water level and temperature over time in harsh and harsh environments to help meet required standards.

Wastewater temperature is a major concern because when temperature levels are too high, it can impact microorganisms in the activated sludge system.

Maintaining the correct pressure is necessary to ensure that water treatment systems perform as intended.

MadgeTech manufactures several data loggers that carefully monitor pressure throughout water treatment to ensure process efficiency and protect system integrity.

Why choose MadgeTech?

The kits provide real-time monitoring for applications where the slightest change in the environment could be destructive.

Products that can help you

- LEVEL1000
- HITEMP140
- MICROTEMP
- TEMP101A
- PR1000

INDUSTRIES

AEROSPACE BROCHURE

Data loggers for the aerospace industry provide monitoring solutions for a wide variety of parameters for use in a multitude of different applications.

These include temperature, voltage, pressure and humidity monitoring, allowing the user to build up a complete environmental profile.

MadgeTech equipment provides accurate low-level voltage monitoring and logging from a variety of common, frequently used sources.

Why choose MadgeTech?

MadgeTech offers in-house standard and custom calibration services including ISO/IEC 17025 accredited calibrations for certain products.

Products that can help you

- VOLTX4
- VOLT101A
- HITEMP140
- TCTEMPX
- PR2000
- ULTRASHOCK

INDUSTRIES

OIL & GAS BROCHURE

MadgeTech data loggers are an effective means of monitoring and recording pressure, flow, vibration, and external transducer output signals. Some characteristics that we can take into account are:

- BMP compliance
- Supply of data to control rooms for analysis and decision making
- Monitoring and management of wells
- Identification of potentially unsafe operating conditions
- Reliability studies

Why choose MadgeTech?

The kits provide real-time monitoring for applications where the slightest change in the environment could be destructive.

Products that can help you

- LEVEL1000
- HITEMP140
- MICROTEMP
- TEMP101A
- PR1000

INDUSTRIES

CONCRETE CURING BROCHURE

MadgeTech Thermocouple Temperature Data Loggers are used to monitor concrete throughout the curing process. Thermocouples can be embedded within the concrete so that the actual temperature of the mix is continuously recorded.

MadgeTech and their teams for this application present a variety of options for thermal data loggers mopar that include single or multiple options channels, submersible, wireless and even with LCD screen.

Why choose MadgeTech?

MadgeTech offers in-house standard and custom calibration services including ISO/IEC 17025 accredited calibrations for certain products.

Products that can help you

- TCTEMP2000
- TC101A
- RFTCTEMP2000A
- TCTEMP1000

INDUSTRIES   WAREHOUSE MAPPING BROCHURE

Whether a warehouse is used to store food, medical supplies, or any other perishable goods, they are governed by certain standards by Good Manufacturing Practice (GMP) regulators.

As an integral part of these guidelines, warehouse mapping or validation studies should be conducted to ensure that the entire space maintains safe temperature and humidity levels.

Data loggers play a crucial role in warehouse mapping. They provide a comprehensive overview of the storage environment that can be easily analyzed to determine if the warehouse maintains safe conditions for the stored product.
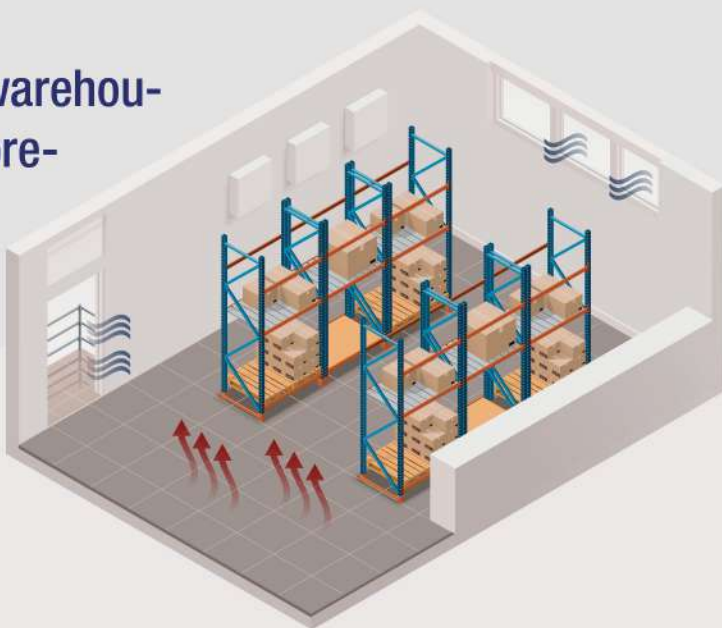
Why choose MadgeTech?

The kits provide real-time monitoring for applications where the slightest change in the environment could be destructive.

Products that can help you

- RFTEMP2000A
- RFPRHTEMP2000A
- RFRHTEMP2000A

INDUSTRIES

AUTOMOTIVE BROCHURE

The data loggers MadgeTech ideal for automotive industry provide monitoring solutions for a wide variety of parameters for use in a multitude of different applications.

These loggers can help ensure the reliability of automotive components during operation and storage, engine functionality, and vital parameters during testing and research studies.

Why choose MadgeTech?

MadgeTech offers in-house standard and custom calibration services including ISO/IEC 17025 accredited calibrations for certain products.

Products that can help you

- TITANS8-CAN
- TCTEMPX
- TC101A
- HITEMP140
- PR140
- PR2000