Data Logging Solutions for **Restaurant Temperature Monitoring**

MADGETECH
WE BUILD DATA LOGGERS

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Data Loggers for Temperature Critical Restaurant Food Applications

MadgeTech has been a key resource for the restaurant, retail food and beverage industry for over 20 years, offering a wide range of temperature monitoring solutions. We have a deep commitment to facilitating regulatory compliance and promoting best practice in food safety. MadgeTech data loggers and monitoring systems have become synonymous with HACCP compliance and process verification throughout the food industry, both domestically and internationally.

Most importantly, the MadgeTech name is widely known for both quality and reliability.

As a provider of leading-edge technology, MadgeTech offers a diverse line of wireless data logging systems for environmental and facility monitoring. This allows FSQA personnel to see both product and process temperatures in real-time. From refrigerators to freezers and blast chillers, from the production floor to packaging and storage, MadgeTech provides an easily scalable temperature and humidity data monitoring solution for even the most challenging environments.

Our goal is to continue to provide the tools needed to help restaurant food professionals perform their jobs more effectively and efficiently while providing safe products.

When you think consumer food safety, think MadgeTech.

Preserve Perishables and Protect Profits

MadgeTech wireless data loggers provide real-time temperature and humidity data to restaurant staff or national and regional managers. Deploy data loggers throughout the facility in key areas and monitor information from a central PC or smartphone. Receive data from all departments to generate a complete profile the entire store, market or facility.

Environmental Temperature and Humidity

RFRHTemp2000A

Maintain ideal conditions and prevent product loss.

- Monitor temperature and humidity in stockrooms, storage and retail space
- Real-time data displayed on device LCD screen and remotely on PC
- Audible and visual alarms for unsafe temperatures

Monitor Refrigerated Product

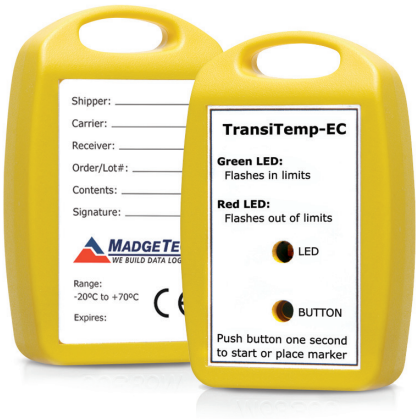
RFTCTemp2000A

Measure both environmental and internal product temperatures.

- Walk-in freezers, refrigerators and coolers
- Measure remote or internal temperatures using a thermocouple probe
- Device displays readings on an easy to read LCD screen
- Alerts will notify staff of unsafe temperatures

Ship, Store and Display with Confidence

Chain restaurants and franchises must be able to guarantee that they're shipping and receiving safe, properly-handled food at their establishment and warehouse facilities. To support this vital link in the supply chain, MadgeTech manufactures shipping data loggers that travel with food in trucks and containers to provide a clear picture of product exposure while in transit.



Economical Transit Temperature Monitoring

TransiTemp-EC

The **TransiTemp-EC** temperature data logger is designed for high volume, low cost in-transit recording.

- Compact and easy to deploy in crates or cases along with product
- Verify handling of produce and other temperature sensitive foods
- Alerts users to unsafe temperature exposure with LED warning
- Records data to provide minute-by-minute reports of conditions throughout shipping

Splash-Proof Cold Chain or Display Monitoring

TransiTempII

The **TransiTempII** temperature data logger is designed for use in cold chain transit recording or retail storage and display.

- Compact and portable to be easily deployed with product on the shelves or on the road
- Splash-proof rugged design withstands the moisture of products on ice
- LED lights indicate unsafe temperature exposure
- Start or stop logging controls directly on the device

Monitor In-House Cooking and Processing

As the restaurant and retail food industry grows, food safety requirements and the demand for high temperature monitoring continues to grow as well. Oven temperature profiling as well as cooking and cooling verification are essential to producing safe products and meeting regulatory compliance needs.

Validate Roasting Temperature

HiTemp140

The **HiTemp140** series of temperature data loggers are specifically designed to validate high temperature cooking and roasting.

- Ensure safe chicken roasting temperatures throughout cooking and cooling
- Monitor internal temperature of pork, beef or other meat products cooked on site
- Fully submersible and designed to withstand oven roasting temperatures
- Generate reports to validate prevention of foodborne illness

Meat Smoking, Cooling and Storage Temperature

RFOT

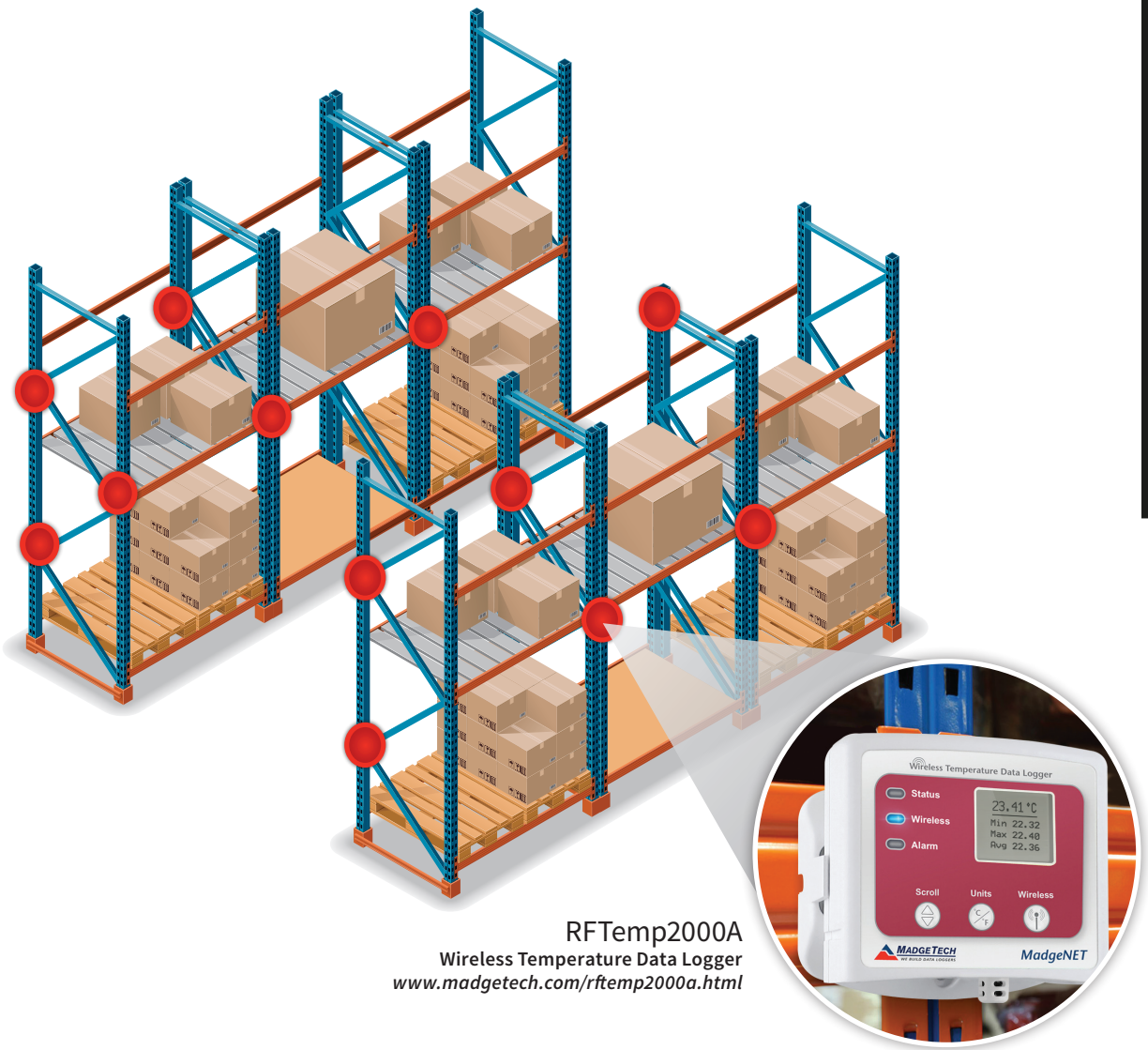
The MadgeTech **RFOT** is a real-time, wireless data logger that monitors the internal temperatures of meat products throughout cooking, smoking, cooling and refrigeration.

- Monitor internal meat temperature throughout multiple processes
- Rugged built in hook allows RFOT to conveniently hang on racks along with meat products
- Probe styles to accommodate sausage, beef and other products large and small
- Splash-proof design to endure cooking environments and wash down cycles
- Wireless operation allows for remote monitoring of multiple ovens or locations

Available Probe Lengths

- 1.75 in (70mm)
- 4.0 in (102 mm) RFOT-FR (Fast Response)
- 4.0 in (102 mm) RFOT-4-TD (Transitional Diameter)
- 7.0 in (177 mm) RFOT 7

Wireless Warehouse Mapping and Monitoring



RFTemp2000A
Wireless Temperature Data Logger
www.madgetech.com/rftemp2000a.html

Create A Complete Profile

Deploy data loggers throughout any warehouse or storage facility to identify problem areas and inconsistencies.

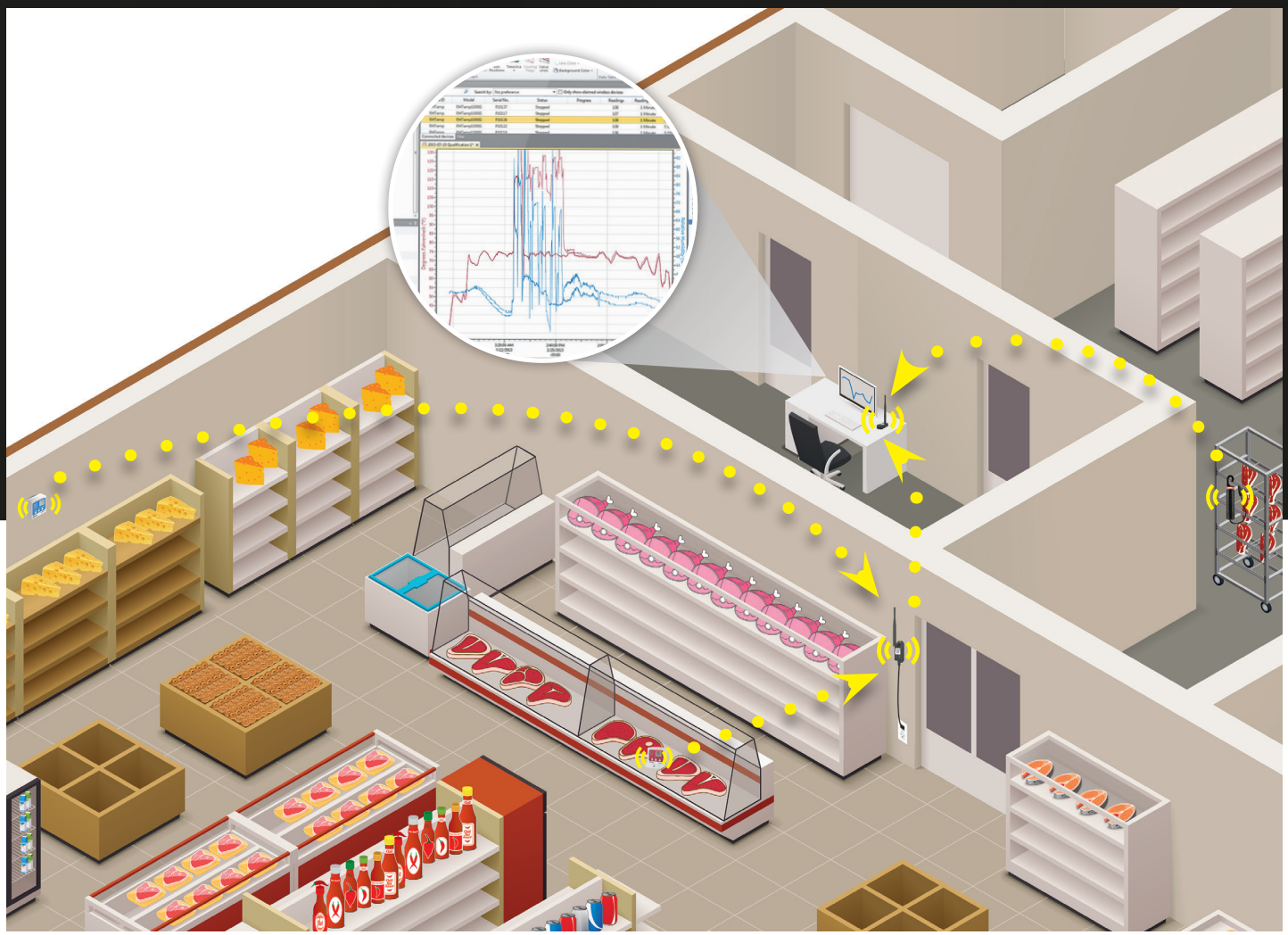
RFRHTemp2000A
Wireless Temperature and Humidity Data Logger with LCD Display

Start Logging In Four Easy Steps

1. Setup the RFC1000 transceivers
2. Deploy the data loggers
3. Wirelessly start the data loggers
4. Data is instantly transmitted to a computer or to the MadgeTech cloud for real-time monitoring

RFC1000
Wireless transceiver for the RFOT, RFRHTemp2000A and RFTCTemp2000A series of data loggers.

Wireless Retail Environment Monitoring



RFOT
Wireless Meat Temperature Data Logger

Manage All Facility Locations

Remotely monitor and manage devices throughout the entire facilty from one central workstation or any internet enabled device by using the MadgeTech Cloud.

RFC1000-IP69K
Splash proof wireless transceiver For environments that require high pressure, high temperature wash down.

RFTCTemp2000A
Wireless Thermocouple Based Temperature Data Logger with LCD Display

MadgeTech Cloud Services

Data Logging Hub

RFC1000 Cloud Relay

The **RFC1000 Cloud Relay** is a data logging hub that transmits live data directly to MadgeTech Cloud Services.

- Eliminates the need for a central monitoring PC
- Manage any number of loggers from a single device
- Data can be downloaded for further analysis

RFC1000 Cloud Relay

Quick and Easy Setup

All MadgeTech Wireless Data Loggers are cloud ready and can be up and running in just minutes. Unlike many other custom cloud data logging solutions, the MadgeTech Cloud Services platform offers a production-ready 'out of the box' solution as well as highly customized packages.

Transmit data directly to MadgeTech Cloud Services with the **RFC1000 Cloud Relay**

Manage All Restaurant Locations from Anywhere in the World

With a free MadgeTech Cloud Services account, real-time logger data can be viewed on any internet-enabled device from anywhere in the world. This provides the ultimate peace of mind, allowing local and regional managers receive instant notification and view conditions for any facility, even when they're off-site. These tools ensure consistency and quality control across a chain of establishments.

Real-Time Data

24/7 instant access to your temperature and humidity data.

Offering Peace of Mind

Be assured that product temperatures are safe, whether you are in the building or on the road.

Text & Email Notifications

Get notified when temperature thresholds are met.

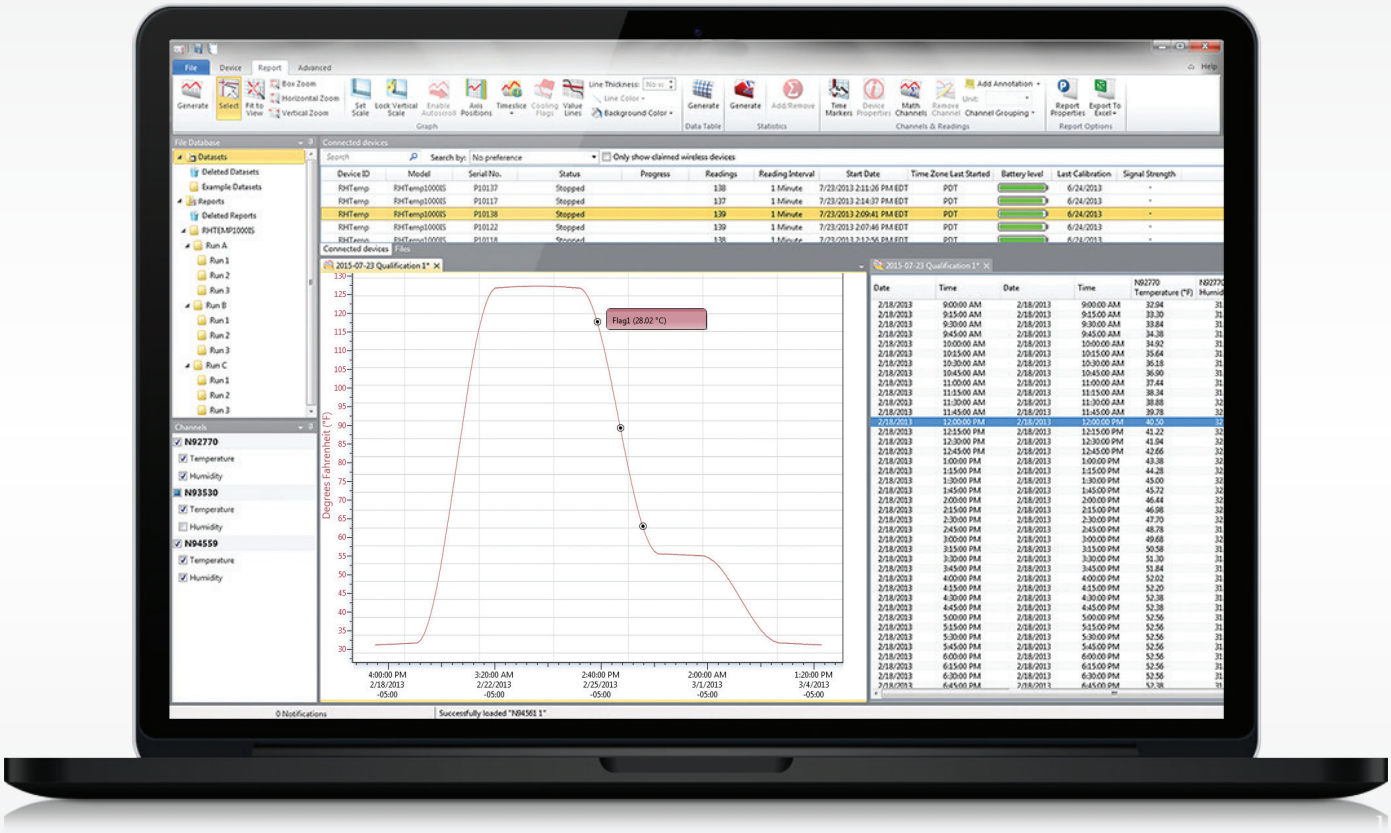
Multi-Store Monitoring

Managing a single logger system or a network of facilities.

MadgeTech 4 Software

The MadgeTech Data Logger software is user friendly and enables the user to effortlessly collect, display and analyze data. A variety of powerful tools can be used to examine, export and print professional quality reports with just a click of the mouse.

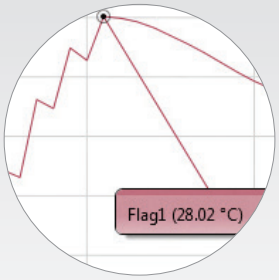
This software can be downloaded for free from the MadgeTech website.



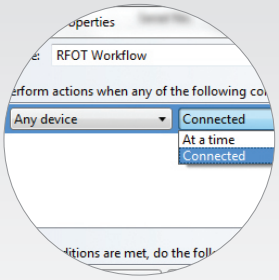
Software Features

- Multiple Graph Overlay
- Statistics
- Digital Calibration
- Zoom In / Zoom Out
- Cooling Flags
- Lethality Equations (F0, PU)
- Mean Kinetic Temperature
- Full Time Zone Support
- Data Annotation
- User Friendly File Management
- Min. / Max. / Average Lines
- Timeslice
- Data Table View
- Automatic Report Generation
- Summary View
- Workflows / Automation

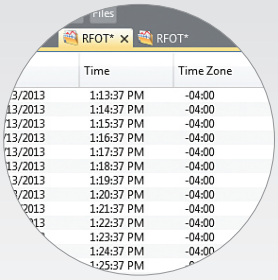
Easy-to-use, Windows-Based Software



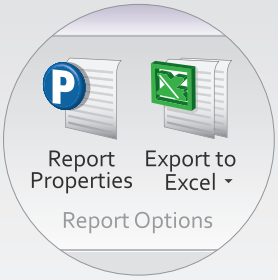
Cooling Flags



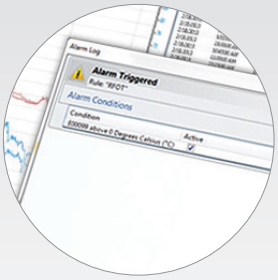
Automation



Tabular Data View



Export to Excel



Alarm Notifications

The MadgeTech Data Logging Software makes record keeping a simple task. Easily tailor graphs and create custom reports for the product being processed to help comply with federal guidelines and regulations.

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