Data Logging Solutions for
Beer Brewers

For thousands of years brewers have been perfecting the craft of beer production. Modern technology has significantly improved process control for brewers and, consequently, product quality. MadgeTech data loggers provide beverage creators with a complete picture of their mash, wort, or beer at key control points that affect taste, stability, and consumer safety.

Monitor Temperature Throughout the Brewing
MicroTemp

The **MicroTemp** is a fully submersible temperature data logger specifically designed to validate high temperature processes for brewers and other beverage producers.

- Measures between -40 °C and 80 °C (-40 °F to 176 °F)
- Monitors temperatures during fermentation
- Tracks cooling rates
- Validates pasteurization processes
- Compact enough to fit inside a bottle (2.6 inches x 0.7 inches)
- Rated IP68 – Fully protected against dust and water

Real-Time pH and Temperature Readings
pHTemp2000

The **pHTemp2000** offers beer producers a real-time snapshot of pH and temperature at any time during the brewing process.

- Measures pH from -2 to 16 with an accuracy of ±0.01
- Monitors temperatures between -40 °C and 110 °C (-40 °F to 230 °F)
- Provides real-time readings on LCD screen
- Creates a temperature and pH profile of water, mash, or finished beer
- Prevents unpleasant alkaline tastes
- Works with a variety of pH probes.

Complete Facility Monitoring Solution
RFPRHTemp2000A

The **RFPRHTemp2000A** provides a complete facility monitoring solution for breweries, tap houses, coolers, and any other spaces that requires a controlled climate.

- Tracks temperatures from -20 °C to 60 °C (-4 °F to 140 °F)
- Measures humidity between 0% and 95%
- Monitors pressure from 250 mbar to 1,300 mbar
- Displays data locally on an LCD screen and remotely for continuous monitoring
- Aids in product loss prevention
- Alerts staff to undesirable conditions through audible and visible alarms

MadgeTech
Cloud Services

With a **MadgeTech Cloud Services** account, brewers can stay updated on conditions in their facility from anywhere around the world.

- Provides remote, real-time access to wireless logger data
- Allows brewers to monitor production or storage conditions from home
- Informs users via text or email when logger alarms are triggered
- Tracks data for an unlimited number of MadgeTech loggers
- Accessible from a PC or any smart device with a browser
- 100% free account

Beer Data Logging Hub
RFC1000 Cloud Relay

The **RFC1000 Cloud Relay** is a data logging hub that communicates via Ethernet to transmit live data directly to the MadgeTech Cloud Services platform. This allows users to remotely monitor and manage groups of data loggers, throughout a large beer brewing facility without the need of a central PC.

- Set user access permissions
- Configure text or email alerts all from a smartphone, tablet or PC
- Live data is sent to the MadgeTech Cloud for instant access
- All recorded data is available to download as a

CSV file for your records or further analysis