Data Logging Solutions for
Indoor Agriculture

MADGETECH
WE BUILD DATA LOGGERS

Optimizing Growth Potential
Temperature, Humidity and CO_2 Monitoring in Real-Time

Element HT
Wireless Humidity and Temperature Data Logger

The **Element HT** provides real-time environmental temperature and relative humidity data. Recorded data can also be monitored remotely from a PC, tablet or smartphone using MadgeTech Cloud Services.

- Use real-time data to maintain proper environmental conditions
- React to and control changes associated with different growth phases
- Maintain humidity levels that encourage healthy growth
- Alarm notifications for over-humidification and low temperatures
- Precise monitoring near HVAC/dehumidifier locations

Element CO_2
Wireless CO_2, Humidity and Temperature Data Logger

Increased CO_2 levels encourage plants to grow, but too much CO_2 is just as toxic to them as it is to humans. The **Element CO_2** allows growers to track temperature, humidity, and CO_2 levels together to get a complete profile of the factors affecting their plants.

- Tailor your environment to encourage growth and increase yields
- Ensure proper CO_2 levels are maintained for each step of the growth cycle
- Prevent CO_2 toxicity

pH Monitoring

Measure and Verify Soil and Water pH

pHTemp2000
Control the pH of Water and Nutrients

Optimum soil pH for most plants falls between 5.5 and 7.0, with hydroponic applications requiring an even narrower range of 5.5 to 6.5. The MadgeTech pHTemp2000 takes the guesswork out of pH and temperature management, empowering growers with precise knowledge of their soil composition.

- Monitor soil pH levels
- Monitor water pH levels

MadgeTech Software
Record, Report, React

Easy-to-use, Windows-based Software

- Compare and analyze historical harvest data
- Identify trends that enhance or retard growth
- Adjust environmental parameters for future crops accordingly

Send data to the MadgeTech Cloud

- Monitor grow conditions 24/7 from anywhere in the world
- Check real-time data from all loggers at once
- Receive alarms and notifications via text message or email

To determine the ideal solution for your application, contact
MadgeTech at info@madgetech.com or (603) 456-2011