

# The Intelligent Logger

# MiniM.O.L.E.® rH



*MiniM.O.L.E.® rH provides one Relative Humidity and one Temperature channel of static data logging, suitable for Dry Cabinet or manufacturing plant ambient monitoring. With LCD Display, Magnet start, 1 second to 10 day sample rate. Data may be downloaded to M.O.L.E.® MAP software too!*

## Features:

- Records Time, Temperature and Humidity
- Large LCD display is easily read from a distance
- Logged data saves to MAP software - the common BakeWATCH® platform
- 0.1 °C Resolution provides an informative advantage

## Benefits:

- Highest reading of humidity sensor after logging has ended, upper alarm specification was exceeded, and battery is low.
- Logger armed for timer start (internal sensor activated)
- Average reading of External sensor (in degrees Celsius)
- Time the internal sensor spent under lower alarm specification at the end of the logging cycle
- Time the internal sensor spent over specifications. High alarm is on, battery is low, trip has ended.

## System Includes:

- MiniM.O.L.E.® rH Logger
- MiniM.O.L.E.® USB Dock Station
- MiniM.O.L.E.® Start Magnet
- M.O.L.E.® MAP Software

**Order ECD P/N: E51-4473-00**



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Home of the M.O.L.E.® Thermal Profiler

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• Top rated customer support • No-cost ECD University Training • Award winning free software •

# SPECIFICATIONS

## MiniM.O.L.E.® rH



### SENSORS

Internal Temperature & External Humidity

### COMMUNICATIONS

Interface: USB Dock Station  
Cable: USB Type A

### DATA ACQUISITION

Measurement & Operational range:

- -40°C to +70°C (-40 °F to 158°F)

Humidity range: 0 - 100%RH

Accuracy:

- ±0.35°C (from -40°C to 0°C)
- ±0.63°F (from -40°F to +32°F)
- ±0.25°C (from 0°C to +70°C)
- ±0.45°F (from +32°F to +158°F)
- Humidity ±3%

Resolution: 0.1

Sensor response time (Internal):

- T90 of 20 minutes in moving air

Sampling Interval: 1 second to 10 days

Number of Samples: 32,000 samples (16,000 per sensor)

### POWER

MiniM.O.L.E.® rH:

- 3.6V ½ AA Lithium battery
- Battery Life: 1 to 2 years

### PHYSICAL

MiniM.O.L.E.® rH:

- Diameter 76mm (2.99"), height (including humidity cage) 46mm (1.8")
- Weight (including battery): 75g (2.6 oz)

USB Dock Station:

- Diameter 80mm (3.15"), height 40mm (1.57")
- Weight: 50g (1.8oz)

### WARRANTY

2 years parts and labor

### WEBSITE

[www.ecd.com](http://www.ecd.com)



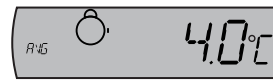
### LCD FUNCTIONALITY



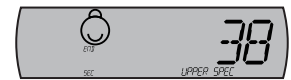
Highest reading of humidity sensor after logging has ended, upper alarm specification was exceeded, and battery is low.



Logger armed for timer start (internal sensor activated)



Average reading of External sensor (in degrees Celsius)



Time the internal sensor spent under lower alarm specification at the end of the logging cycle

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