

The Intelligent Logger

MiniM.O.L.E.® rH



MiniM.O.L.E.® rH provides one Relative Humidity and one Temperature channel just right for your Proofers monitoring and data logging, The large LCD display makes the MiniM.O.L.E. ® easy to read for monitoring current status. To collect data, arm the MiniM.O.L.E. with MAP software, connected via the USB Dock Station. Begin datalogging by pressing the Start Magnet against the ECD logo for 1.5 seconds. Logging continues at a 1 second to 10day sample rate until it is brought back to the station and read by M.O.L.E.® MAP software

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



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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