

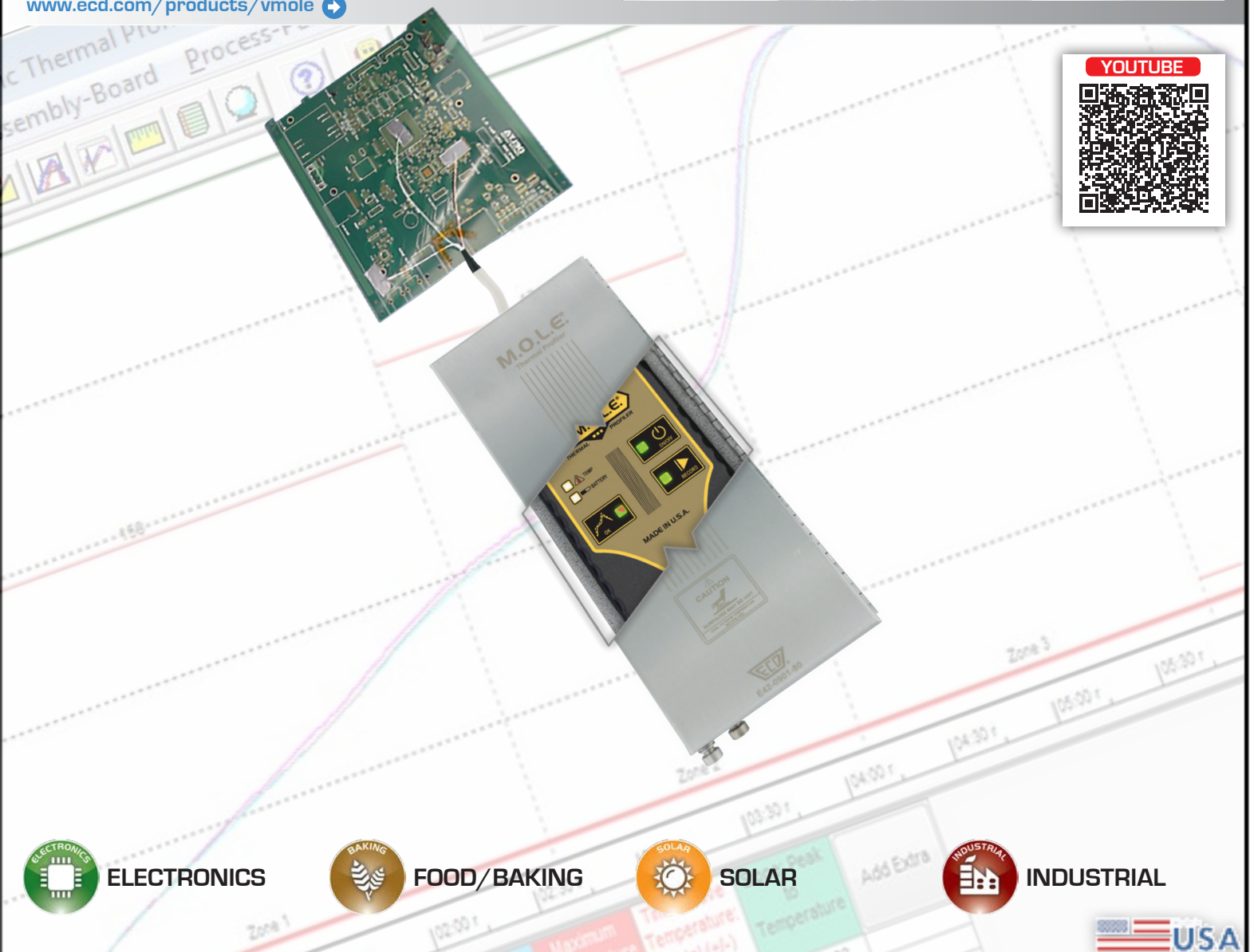
V-M.O.L.E.®

"V" is for Value & Verification



The V-M.O.L.E.® is a full-featured compact thermal profiler that belies its sophistication in an easy-to-use 3-channel Mini-thermocouple configuration. Ideal for VERIFICATION of PCB profile performance, 3 channels give you Hot, Cold and Sensitive component data for verifying the correct oven settings. V-M.O.L.E.® also boasts the same powerful MAP software created for the MEGAM.O.L.E.® 20 thermal profiler, including the Target-10 feature, and of course, the patented "OK-Button" The world's only one-touch Go/No-Go indicator of profile compliance to pre-programmed specifications.

www.ecd.com/products/vmole ➔



ELECTRONICS



FOOD/BAKING



SOLAR



INDUSTRIAL



Value... everything you need for production profiling is in the Kit.



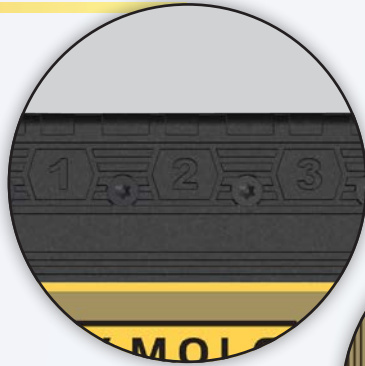
SYSTEM INCLUDES (ECD P/N: E48-0509-00):

- V-M.O.L.E.® Thermal Profiler (w/integrated battery)
- Stainless steel thermal barrier
- Yellow Jacket Thermal Barrier Cover
- Glass set of 3 36-gauge thermocouples
- PC USB 2.0 Cable (Set-up, Download & Charge)
- M.O.L.E.® MAP Software
- Quick Reference Guide
- Soft Carrying Case

Focused on Quality, Driven by Passion

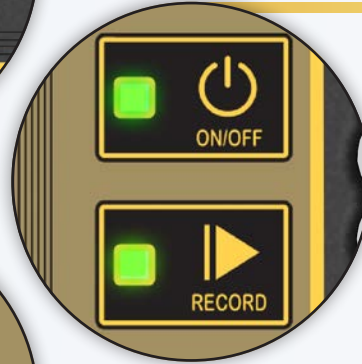
PROFILE VERIFICATION

- 3 Channels, all you need to run a profile verification



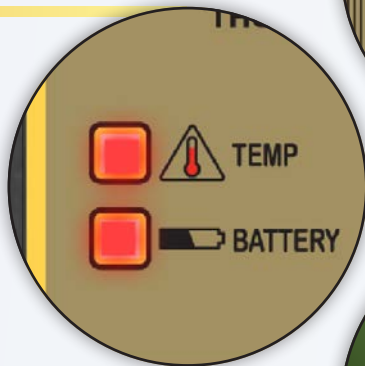
NEVER LOSE A THERMAL PROFILE

- Separate On/Off & Record buttons
- Prevents lost profiles



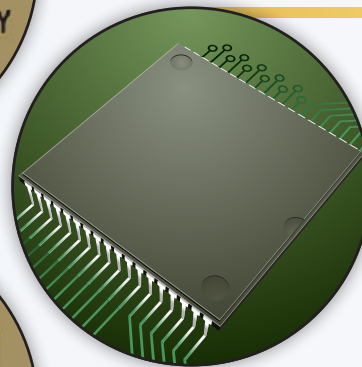
PROTECT YOUR TIME & PROFILER

- Know critical systems are "GO" before you thermal profile



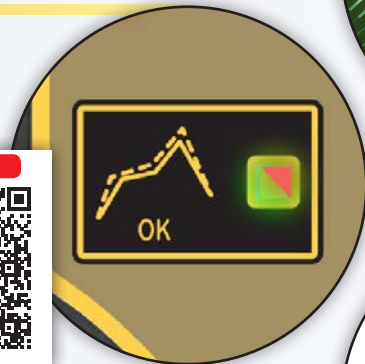
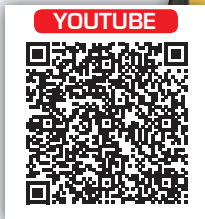
1.5 MILLION DATA POINT MEMORY

- 96 thermal profile storage lets you download on demand



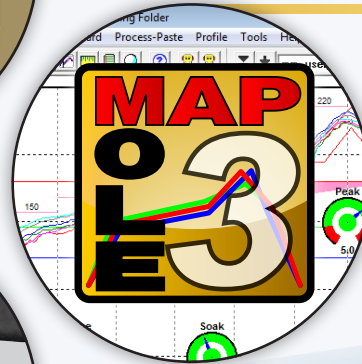
OK BUTTON

- Operator gets GO/NO-GO decision control
- Improves productivity
- Saves Time



M.O.L.E.® MAP SOFTWARE

- Download and analyze the data with the ECD award winning software.



EASY TO USE

- USB enabled Fast Upload, Download or Charge



SPECIFICATIONS

THERMOCOUPLE SENSORS

3 Channels: Type K, Standard Mini Connectors

COMMUNICATIONS

Interface: USB Compliant (charge;upload;download)

Cable: USB Type A, Male-to-Mini B, 5 pin Male, 1m (3')

DATA ACQUISITION

Sampling Interval: 0.1 seconds to 24 hours

Data points: 500,000 total for 3 channels

Data runs stored: 96 (Standard Thermal Profiles)

Accuracy: +/- 0.5°C (0.9°F)

Resolution: 0.056°C (0.1°F)

Measurement range: -200°C to 1271°C (-328°F to 2320°F)

POWER

Battery: Lithium Polymer - Rechargeable, 340mAh

Charge Protection: optimized for lithium polymer

Charge time:

- Full: 8 hours
- Partial: 15 min. charge allows one 10min. data run

Charge Capacity:

- 50 ten minute data runs *

Battery Life: 300-400 charging cycles or 3 years (Minimum)

Charger input current: 175 ma via USB Interface

Operating Range: 4.2V to 3.2V

.....
* New, fully charged Power Pack.

PHYSICAL

Dimensions (L x W x H):

- Profiler: 145mm (5.7") x 64mm (2.5") x 7.62mm (.3")
- Barrier: 229mm (9") x 84mm (3.3") x 25mm (.98")
- Yellow Jacket: 257mm (10.2") x 97mm (3.8") x 31mm (1.2")

Weight:

- Profiler: 0.068 kg (2.4 oz)
- Barrier: 0.595 kg (21 oz)
- Yellow Jacket: 0.045 kg (1.6 oz)

Operational range (Profiler): -40°C to +85°C (-40°F to 185°F)

Humidity: 0-85% RH (Non Condensing)

COMPLIANCE

EN 301 489-01 V1.8.1:2008

EN 300 328 V1.7.1:2006

EN 301 489-17 V2.1.1:2009

EN 60950

R&TTE 1999/5/EC

Low-voltage Directive 2006/95/EC

RoHS 2002/95/EC

WEEE 2002/96/EC



PATENT

U.S. PATENT No. 7,653,502

WARRANTY

2 years parts and labor

WEBSITE

www.ecd.com ➔



ECD North & South America
World Headquarters
4287-B SE International Way
Milwaukie, Oregon 97222-8825 U.S.A.
Tel: +1 503 659 6100/+1 800 323 4548
Fax: +1 503 659 4422
E-Mail: sales@ecd.com | Web: www.ecd.com

ECD Asia/Pacific
Singapore
Mobile: +65 9692 6822
Fax: +65 6241 9890
E-Mail: ecd.asia@ecd.com

ECD Europe/Africa/Middle East
Mobile: +48 512 659 100
E-Mail: ecd.europe@ecd.com

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