

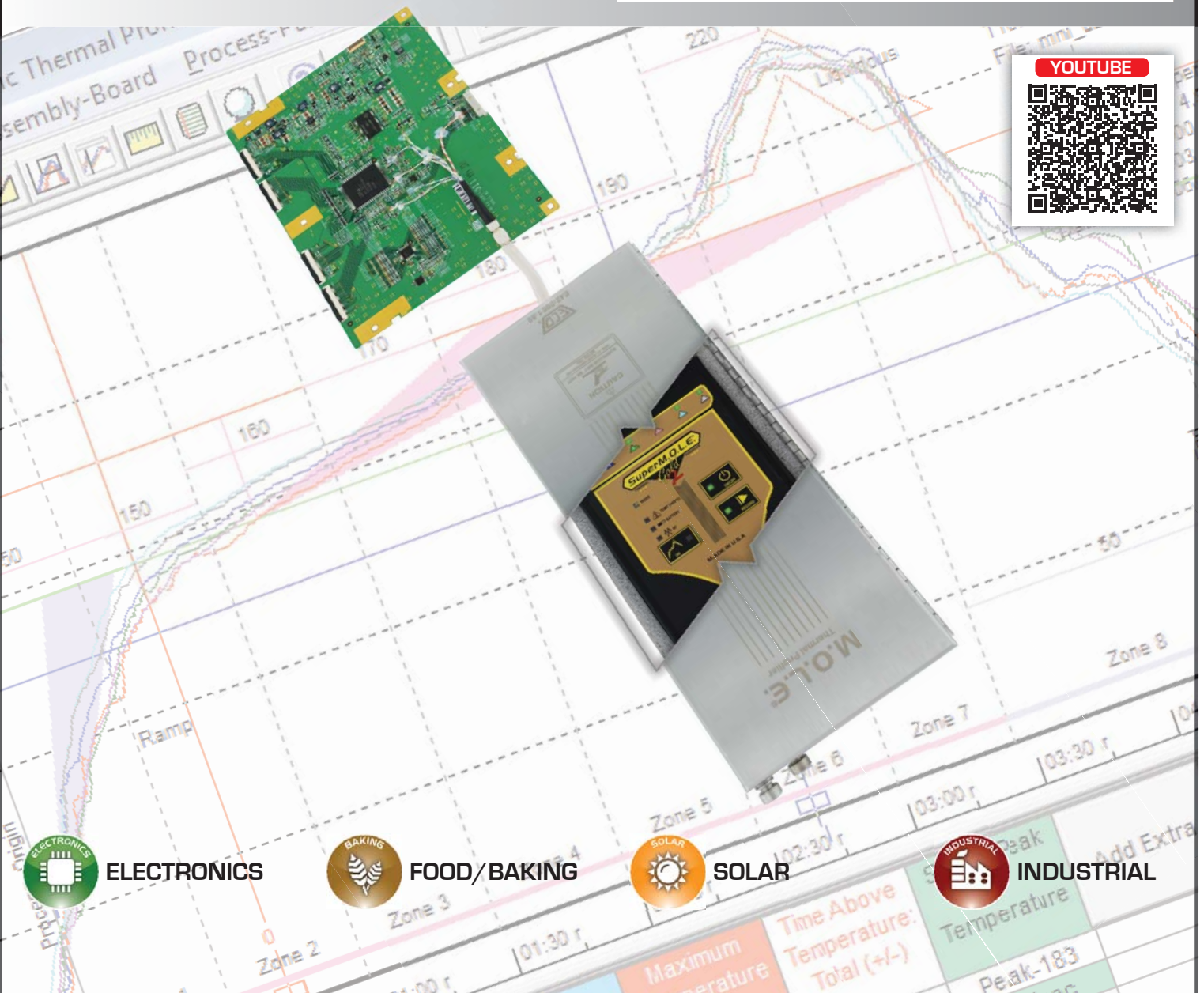
# SuperM.O.L.E.® Gold 2

SMARTEST PROFILER ON THE PLANET



SuperM.O.L.E.® Gold 2 is a value-packed thermal profiling workhorse most often relied upon for in-transit thermal profiling work. With the world renowned SuperM.O.L.E.® Gold pedigree, ECD advances the state-of-the-art with 3, 6 and 20-channel Mega platform model choices, and 6-channels is most often specified for process development, R&D and Validation with WaveRIDER® NL 2 & OverRIDER® NL2.

[www.ecd.com/products/supermolegold2](http://www.ecd.com/products/supermolegold2) ➔



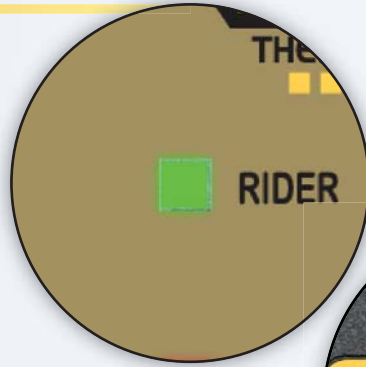
The industry-standard M.O.L.E.® Thermal Profiler is now better and smarter than ever before.



*Excellence in Measurement Solutions Worldwide*

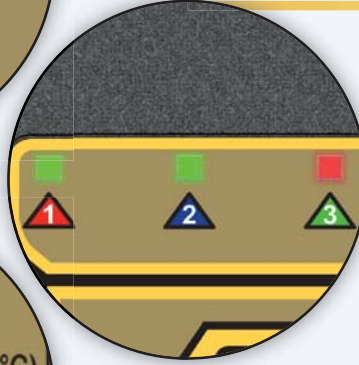
## AUTO-DETECT

- Thermal Profiler automatically recognizes the RIDER® NL 2 series process test pallets



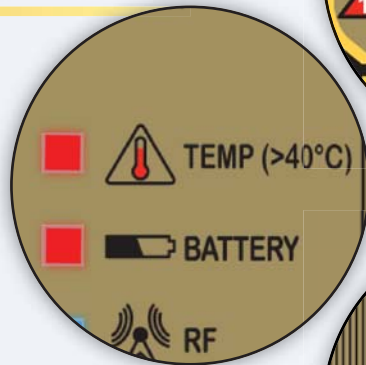
## LEDS SHOW T/C READINESS

- No wasted data runs
- At a glance open thermocouple indicators



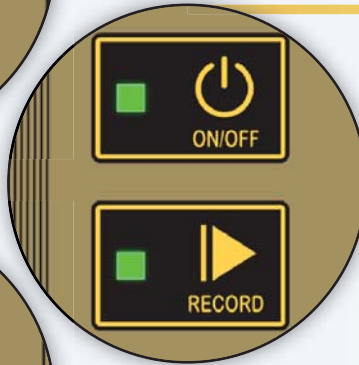
## PROTECT YOUR TIME & PROFILER

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



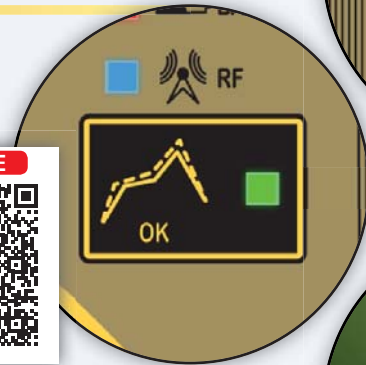
## NEVER LOSE A THERMAL PROFILE

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



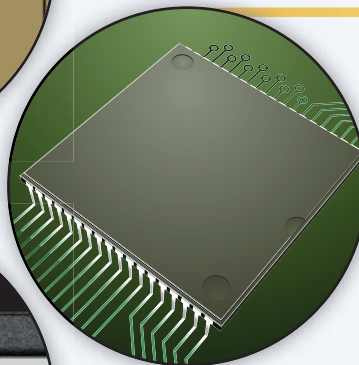
## OK BUTTON

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



## 1.5 MILLION DATA POINT MEMORY

- 96 thermal profile storage lets you download on demand



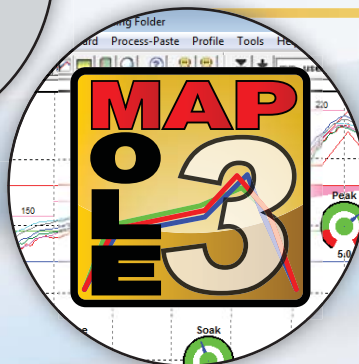
## WIRELESS RF

- Built-in Wireless Option



## EASY TO USE

- USB enabled Fast Upload, Download or Charge



## M.O.L.E.® MAP SOFTWARE

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

# SPECIFICATIONS

## THERMOCOUPLE SENSORS

Up to 6 Type K ECD Micro-Thermocouples

## 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: 250,000 for all 6 channels  
Data runs stored: 96 [Standard Thermal Profiles]  
Accuracy: +/- 1°C [1.8°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.

## SYSTEM INCLUDES (ECD P/N: E51-0386-00):

- SuperM.O.L.E.® Gold 2 Profiler (w/integrated battery)
- 1.0" Uni-Barrier stainless steel Thermal Barrier
- Yellow Jacket Thermal Barrier Cover
- Glass set of 6 Color-Indexed 36-gauge Thermocouples
- M.O.L.E.® MAP Software
- PC USB 2.0 Cable [Set-up & Download]
- Universal Power Pack Charger
- Quick Reference Guide
- Carrying Case

## PHYSICAL

Dimensions [L x W x H]:  
• Profiler: 152.4mm [6"] x 89mm [3.5"] x 9.41mm [0.37"]  
• Barrier: 269.7mm [10.62"] x 104mm [4.1"] x 25.4mm [1.0"]  
• Yellow Jacket: 286.5mm [11.28"] x 115mm [4.53"] x 32.5 [1.28"]

Weight:  
• Profiler: .204 kg [7.2 oz]  
• Barrier: .861 kg [30.4 oz]  
• Yellow Jacket: 0.07 kg [2.4 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](http://www.ecd.com)



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