

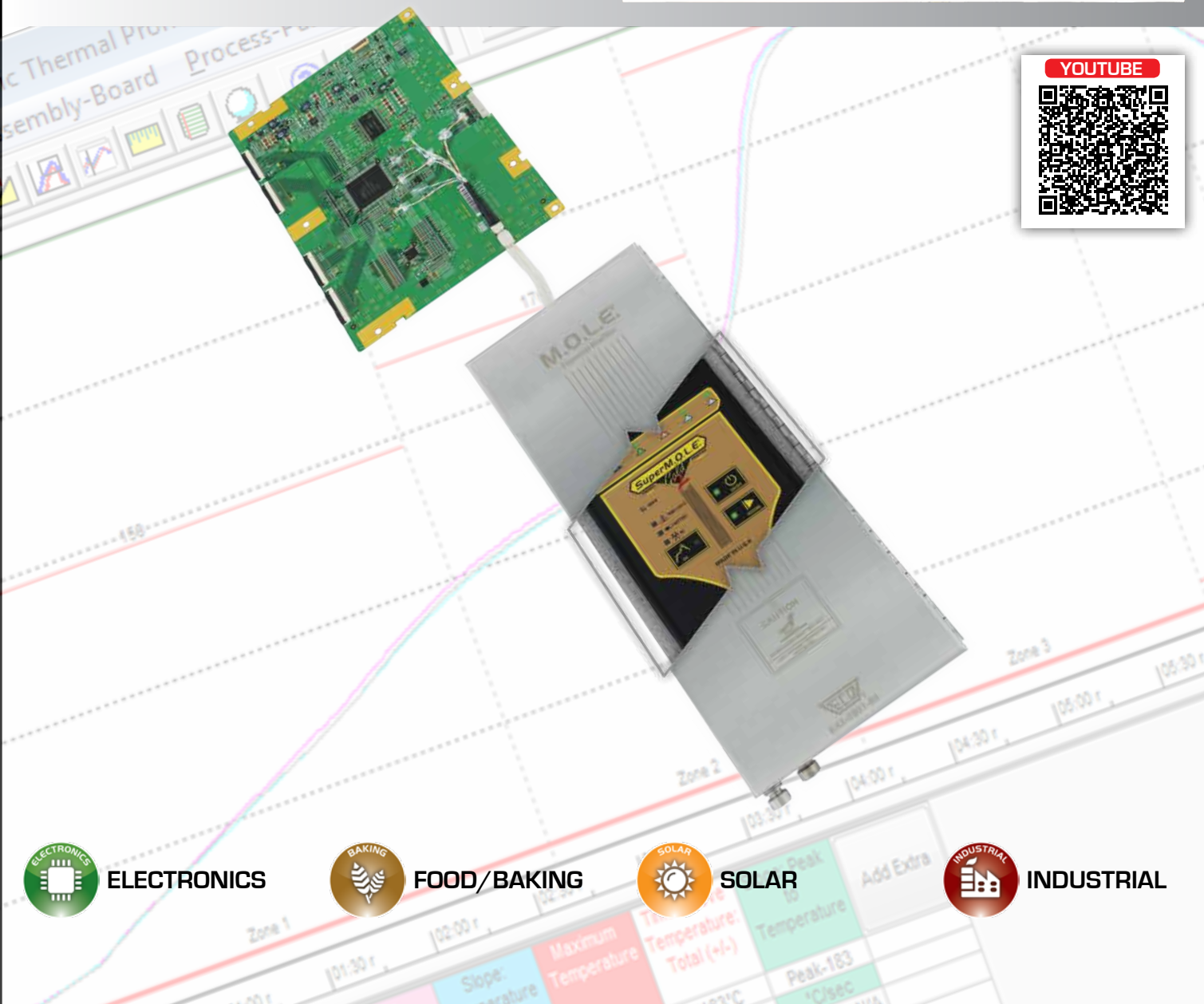
SuperM.O.L.E.® Gold 2

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/SMG2



ELECTRONICS



FOOD/BAKING



SOLAR



INDUSTRIAL

| | | | | |
|-------------|---------------------|-------------------------|-------------|-------------|
| Slope | Maximum Temperature | Temperature Total (+/-) | Peak-183 | Add Extra |
| Temperature | Temperature | Temperature | Temperature | Temperature |
| 100°C | 100°C | 100°C | 100°C | 100°C |

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



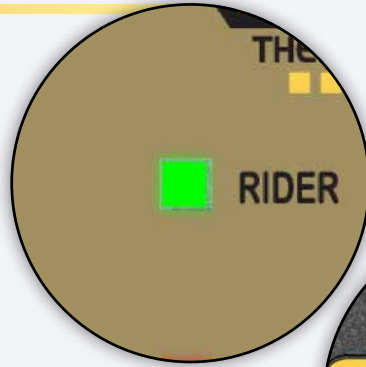
SYSTEM INCLUDES (ECD P/N: E51-0386-00):

- 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

Focused on Quality, Driven by Passion

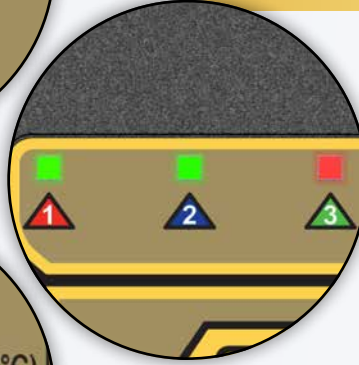
AUTO-DETECT

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



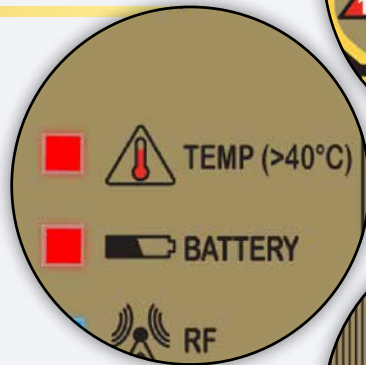
LEDS SHOW T/C READINESS

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



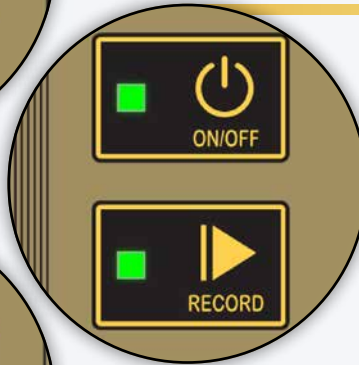
PROTECT YOUR TIME & PROFILER

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



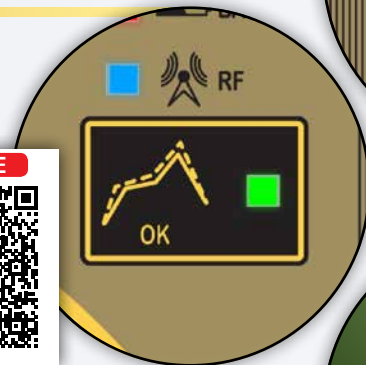
NEVER LOSE A THERMAL PROFILE

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



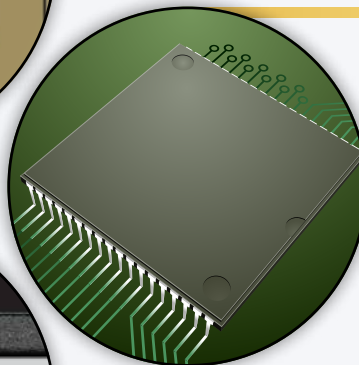
OK BUTTON

- 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



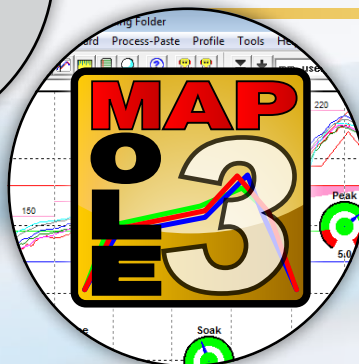
WIRELESS RF

- 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.

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 26.9mm [1.06"]
- 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

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