

# SPECIFICATIONS



## ANALOG INPUTS

3 Channels: Type K, Standard Mini Connectors

## COMMUNICATIONS

Interface: USB 2.0 Compliant

Cable: USB Type A, Male to Mini B, 5 pin Male, 1 meter

## DATA ACQUISITION

Sampling Rate: 1 second to 24 hours

Data points: 1,500,000

Runs stored: 90+ (Standard Reflow 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:

- Partial: 15 min (1 Run\* Min)

- Full: 9 hours

Charge Capacity:

- 8 hours (10 Runs Min)\*

Battery Life: 3 Years Min.

Charger input current: 175 ma via USB Interface

\*Run = 10 minutes, all channels. 0.1 sec logging interval



Not just RoHS compatible...RoHS Compliant

## OPERATIONAL ENVIRONMENT

Humidity: 0-85% RH (Non Condensing)

Temperature:

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

@ 300° C Barrier: 6 Minutes

@ 260° C Barrier: 7 Minutes

@ 200° C Barrier: 10 Minutes

@ 300° C Barrier & Yellow Jacket: 10 Minutes

@ 260° C Barrier & Yellow Jacket: 12 Minutes

@ 200° C Barrier & Yellow Jacket: 17 Minutes

## PHYSICAL

Case Description: High Impact Plastic

Dimensions:

- Profiler: 145mm (5.7") L x 64mm (2.5") W x 7.62mm (.3") H

- Barrier: 229mm(9") L x 84mm(3.3") W x 25mm(.98") H

- Yellow Jacket: 254mm(10") L x 97mm(3.8") W x 31mm(1.2") H

Weight:

- Profiler: 68 Grams (2.4 oz)

- Barrier: 595.3 Grams (21 oz)

- Yellow Jacket: 45.4 Grams (1.6 oz)

## DECLARATION OF CONFORMITY FOR CE

- EN 301 489-1 V1.6.1 (2005-09)

- EN 300 328 V1.7.1 (2006-10)

- EN 489-17 V1.2.1 (2002-08)

- EN60950

- WEEE 2002/96/EC

- Low-voltage Directive 2006/95/EC

- RoHS 2002/95/EC

## WARRANTY

1 year parts and labor

## WEBSITE

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



ECD China  
500 South Pudong Road, Suite 9D1  
Shanghai, P.R. China 200120  
Telephone: +(86) 21.58888095  
Fax: +(86) 21.58888096  
E-Mail: [ecd.china@ecdchina.cn](mailto:ecd.china@ecdchina.cn)

ECD Asia/Pacific  
Singapore  
Mobile: +(65) 9692.6822  
E-Mail: [ecd.asia@ecd.com](mailto:ecd.asia@ecd.com)



PROFILING SOLUTIONS PERFECTED