

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: 0.1°C or 0.1°F

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

POWER

Battery: Lithium-ion 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. 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

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