



**Oven RIDER®:**  
Maximize Yield,  
Minimize Rework,  
Predict The  
Future

### A Unique Approach to Measuring Both Temperature and Heat Flow

The patented OvenRIDER® is the only system that will capture all critical information on oven performance. Using the SuperM.O.L.E.® Gold as it's "heart", the OvenRIDER® travels through your oven collecting air temperature, heat flow and conveyor speed data.

Used as a first-off each shift, OvenRIDER® ensures that the oven is capable of performing the task it is meant to do - transfer heat evenly to your product. A combination of thermal and placement sensors measure oven performance, delivering consistent data that can be used to identify trends which may be developing. OvenRIDER® SPC software is used to analyze this data and deliver it in a format that is simple to interpret.

### SPC Software

- Using simple statistical mathematics, X-Bar/R Charts are used to identify trends developing in a machine.
- Charts are automatically created using simple drag-and-drop procedures.
- User defined specification limits identify out of tolerance situations. OvenRIDER® offers a unique approach to measuring both temperature and heat flow within your reflow oven.

### OvenRIDER® Saves You Money

- Provides Go/NO-Go data for the operator
- Measures true oven performance
- SPC predicts performance - reduces rework/scrap
- Simple, objective data - removes interpretation
- Self contained, simple to use - reduces downtime
- Automatic SPC report - reduces engineering time
- CP and Cpk - capability indices - calculated and presented automatically.
- Assures reliable oven performance.

## Specifications

### SuperM.O.L.E.® Gold Compatible

#### Standard Widths:

6.6 in., 12in., 18 in.(167 mm, 305 mm, 458 mm)

#### Custom Widths:

>6.6 in.(>167 mm)Height:1 in.(25 mm)

Length:17.8 in.(452 mm)

**Power:**Replaceable battery

## Not just RoHS Compatible... RoHS Compliant

### System Requirements

**Computer :**Pentium® processor recommended 16 MB RAM (minimum), 24MB free hard disk space, Mouse, Serial Port Color VGA graphics and monitor (800 x 600 recommended)

**Printer:** Color printer recommended

**Operating System:** Windows 2000 or newer

**Languages:** English, French, Spanish, Italian and German are included.

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**Profiling Solutions Perfected**

