



OvenRIDER®: 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 "brain", 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 motion 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.

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:

Rechargeable battery

SPC Software

- Using simple statistical laws, 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.

System Requirements

Computer:

Pentium® processor recommended 16 MB RAM (minimum), 24MB free hard disk space, 3.5" high density floppy disk drive, Mouse, Serial Port Color VGA graphics and monitor (800 x 600 recommended)

Printer:

Color printer recommended

Operating System:

Windows 3.1 through Windows NT (16 & 32 bit)

Languages:

English, French, Spanish, Italian and German are included.



(800) 323-4548
(503) 659-6100
ecd@ecd.com
www.ecd.com