



**WaveRIDER®:
Know the Past...
predict the
future.**

The wave soldering process is one of the most challenging procedures to set up.

The ECD WaveRIDER® greatly simplifies wave solder set up and ensures perfect repeatability, time after time. Board recipe preheat temperatures, conveyor speeds, wave heights, contact times and parallelism are all measured and monitored using the WaveRIDER® system concept.

The ECD SuperM.O.L.E.® Gold is the heart of this system.

Statistical Process Control

The ECD WaveRIDER® SPC System collects and compares readings, presents data in a completely objective fashion and identifies any trends that may be developing in your machine. This powerful tool enables operator intervention before an out of control situation arises saving time and expensive rework.

SPC Software

- Using simple statistical mathematics, X-bar/R Charts are used to identify trends developing in your machine.
- User defined limits identify out of tolerance situations.

WaveRIDER® takes the guesswork out of wave soldering and saves you money.

- Guarantees machine repeatability - reducing rework
- Reduces maintenance time - saves time
- SPC predicts performance - reduces rework/scrap
- Simple, objective data - removes interpretation
- Self contained, simple to use - reduces downtime, saves labor.
- CP and Cpk - capability indices - calculated and presented automatically.

Specifications

Not just RoHS Compatible... RoHS Compliant

SuperM.O.L.E.® Gold Compatible

Standard Widths:

9 in., 12in., 15 in., 18 in.(229 mm, 305 mm, 381 mm, 458 mm)

Custom Widths:

>5.7 in., (>145 mm) Height:1.3 in.(33 mm)
Length:12 in.(305 mm)

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

