



The easy-to-use, low cost, trailing thermocouple profiling system for reflow ovens wave solder machines and rework stations



M.O.L.E.scan® is:

- the simplest member of ECD's family of classic profiling tools for soldering applications.
- an **easy-to-use, low cost**, trailing thermocouple profiling system which can be used in your reflow oven or rework-station.
- designed to capture and analyze component temperatures of your PCB assemblies as they pass through your reflow ovens or rework process.
- a stationary profiler designed to use feed-and-retrieve thermocouples.
- systems include the Real-Time Data Relay device with 6 K-type Mini thermocouple inputs, M.O.L.E.scan® software CD, USB and RS-232 cables and Quick Reference Guide. 6-channel K-type extension cables are available for extending shorter thermocouples through the oven.

M.O.L.E.scan®

- installs in seconds, just plug it into your PC, load the software, and you're off and running
- requires no batteries - powered from you PC, no charging of batteries or power supplies required
- can be used on any reflow oven or rework system, new or old
- displays temperature data in real-time, watch your profile as it happens
- software features Auto Prediction, for quick oven setup
- software contains all the powerful analysis tools of ECD's full featured profiles, Magnification, Peak temp, Overlay, Total heat, 3D View, Measure, Annotation, and Tolerance band are included
- software features a built in database of solder paste specifications.
- data files are compatible with and can be imported by ECD SuperM.O.L.E.® Gold and Xpert software

Specifications

Not just RoHS Compatible... RoHS Compliant

M.O.L.E.scan®

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|----------------------------|------------------------------------|
| Channels: | 6 |
| Thermocouples: | Type K |
| TC Connectors: | Mini-Standard |
| Range: | - 120 to 1340 C (-184 to 2444F) |
| Resolution: | 1 degree F |
| Accuracy: | Sum +/- 0.3% +/- 2.0 deg C |
| Sampling Rate: | .2 seconds |
| Package Dimensions: | 85 x 145 x 25mm (3.3 x 5.7 x 1in.) |
| Output Connector: | DB9 Female - RS232 |

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Profiling Solutions Perfected

