



Press Release

## **Soldering Quality Across the Board: ECD Showcases Systems for Complete Process Control at Productronica 2021**

*Portfolio of Thermal Profiling, Solder System Verification and Continuous Monitoring Technologies Provide Harmonized Quality Assurance*

October 6, 2021 – From Hall A4, Booth 120 at Productronica 2021, ECD will display and demonstrate its award-winning line of soldering process tools. Marking one of the first live events for ECD in more than a year, Productronica represents a unique opportunity to debut – in person – several technologies that have been conceived, developed and refined in recent months, as well as the company’s flagship products.

Highlights of the display include ECD’s OvenSENTINEL™ continuous monitoring software and its brand new SelectiveRIDER™ verification pallet, both of which will be available for show delegates to experience first-hand. Process optimization across soldering disciplines is enabled by ECD’s standard-setting M.O.L.E.® in-transit thermal profiling device, which interfaces with all soldering process measurement pallets for a holistic approach and future-proofing confidence.

For reflow soldering process control, ECD’s OvenSENTINEL TrueProfile™ capability allows extended measures to provide a more thorough and customizable traceability record. With an expansive sensor network, measurements of far more than temperature and conveyor speed deliver a robust data set with hundreds of calculations available, all supported through integration with ECD’s M.O.L.E. MAP software. The recently added Profile SnapShot™, which allows on-demand profile viewing and data generation, makes OvenSENTINEL an even more powerful yield-enhancing, cost-saving system. Along with the ECD M.O.L.E. thermal profiler,

tools such as OvenRIDER™ and ECD's tough thermal barriers, OvenSENTINEL closes the loop on reflow soldering process control.

Debuted in late 2020, SelectiveRIDER has already been recognized by global industry award programs and will be shown at an international event for the first time at Productronica. Enabling validation of the three phases of selective soldering (fluxing, pre-heating and soldering), SelectiveRIDER provides third-party, independent verification and confirmation of selective soldering process parameters. With this development, ECD's portfolio of process measurement pallets now covers the entire spectrum and enables validation of every machine soldering process. What's more, a single M.O.L.E. thermal profiling device will work with all three pallets for an integrated and flexible solution.

While these soldering process technologies form the heart of ECD's exhibit, the company has also pioneered numerous other innovations such as SmartDRY™ Intelligent Dry Storage systems, simple and effective flux optimization tools, and a complete line of solder process accessories. Throughout the Nov. 16 - 19 Productronica event, ECD technologists will be available for process and product consultation. Learn more at [www.ecd.com](http://www.ecd.com).

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#### **About ECD**

Founded in 1964, ECD is recognized worldwide for its leadership and expertise in thermal monitoring and analysis technology, as well as its development of intelligent dry storage systems. Based in Milwaukie, Oregon, the company is a pioneer in the design, development, and manufacture of advanced in-transit thermal profiling systems and software used to monitor and analyze process temperatures in various industries including electronics, solar and baking, among others. Well-known for its data-rich software expertise and robust hardware functionality, ECD leads the industry for innovative measurement and safeguarding systems. For more information on ECD and its products, visit [www.ecd.com](http://www.ecd.com).

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