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KIC in Hall A2, Stand 316 at productronica: Solutions for Reflow and Wave Soldering Optimization, Inspection, and Traceability

San Diego — October 2021 — KIC will exhibit in Hall A2, Stand 316 at productronica, scheduled to take place 16-19 November 2021 at the Messe München in Germany. KIC are thermal process experts who make ovens smarter. Along with Reflow Process Inspection (RPI) and Wave Process Inspection (WPI), the KIC team will discuss NPI setup, process and recipe optimization for reduced defects, improved OEE, oven performance tracking, and their complete ecosystem of solutions for thermal processes.

KIC has solutions for challenges such as handling process audits, automating manual profiling and data reporting tasks, MES connectivity, Industry 4.0 implementation, NPI process setup, reducing solder defects (voiding, head in pillow, tombstoning), and more.

Electronics manufacturing today requires automated and real-time process control and traceability. Like SPI and AOI are for optical inspection, inspection of the production reflow temperature profile is a must. Can you imagine a line without SPI or AOI? So why go without it for reflow, cure, or wave soldering. Process control, traceability and quality solder joints can be delivered with real-time inspection capabilities. That is what KIC provides (and invented) for your thermal processes. This critical data should be a part of your overall Industry 4.0 smart factory solution to ensure all production through the oven is within specifications and that profile data is readily available for each individual board.

The latest addition to the thermal process inspection family is KIC's WPI, bringing its award-winning technology and thermal experience to the wave solder process. Wave Process Inspection provides users with automatic profiling – including an industry first dwell time and parallelism measurement for each production board – real-time preheat and wave analytics, automatic SPC charting and more.

KIC's 45 years of experience in automated process data collection, direct service and support offices in every region, and more than 25,000 systems in the field brings the most reliable, accurate and innovative solutions for electronics manufacturing thermal process challenges. We are the experts in turning *Heat To Data* ™.

Move toward the future with full line connectivity, flexible production, data analytics and real-time insight, making sure to include your ovens and wave solder machines. For more information about KIC, visit www.kicthermal.com.