



FOR IMMEDIATE RELEASE

Company Procures X-Ray Fluorescence (XRF) Analyzer for RoHS Certification and Counterfeit Parts Mitigation

Durham, Connecticut – June 2014 – Technical Manufacturing Corporation, a leading supplier of contract electronics manufacturing services to the aerospace and defense industry for mission-critical, high-reliability and harsh environment applications where reliability and continued performance is critical, announced this month that it has purchased a Radiation Monitoring Devices/PROTEC LeadTracer-RoHS x-ray fluorescence (XRF) analyzer. Based on RMD's LTRSync+ software and K-shell x-ray energy capability, the XRF analyzer is a hand-held device that can quickly and accurately scan any part, component, chemical or consumable including solder and solder pastes used in the product realization process to determine the presence or absence of lead and other restricted elements in order to confirm Restriction of Hazardous Substance (RoHS) and Waste Electrical and Electronic Equipment (WEEE) certification. It can also identify counterfeit parts and components through nondestructive analysis during the receiving inspection process by instantly comparing the fluorescence responses between genuine and suspect parts.

The RMD LeadTracer-RoHS XRF analyzer is unique in the industry in that it quickly analyzes the entire component body instead of performing a simple surface analysis typically used by L-shell x-ray energy analyzers, which are less reliable and comprehensive in their analysis. The analyzer can be used as a portable hand-held device for mobile applications or it can be stand-mounted in a fixed position for continuous use applications. It also provides an analysis of the entire energy spectrum to help eliminate false positives that could allow parts to escape into the manufacturing process and ultimately to the end user for installation, which is of critical importance during the production of high-reliability printed circuit board assemblies used in aerospace and defense applications.

About Technical Manufacturing Corporation

Technical Manufacturing Corporation is a Connecticut-based contract electronics manufacturing company that has been successfully providing electronics manufacturing services to companies worldwide since 1985. We build a wide variety of electronic and electromechanical products for our customers, which are used in many different commercial and military applications across all industries including the medical, computer, automotive, aerospace, test & measurement and telecommunications industries. For more information, please visit us on the internet at www.techmfgcorp.com or contact David Bonito, Sales & Marketing Manager by email at dbonito@techmfgcorp.com or by phone toll-free at (888) TECH MFG.

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