Gerbig Engineering Announces Acquisition of Electrostatic Discharge (ESD) Control Measurement System

Burnsville, MN (PRWEB) August 26, 2009 - Gerbig Engineering Company, a designer, fabricator and installer of cleanrooms and cleanroom equipment, recently purchased high precision test equipment to allow detailed analysis of Electrostatic Discharge (ESD) properties of materials and systems.

“ESD events cause billions of dollars of damage to sensitive electronic components annually” according to Mike Turnure, Vice President for Validation Services at Gerbig Engineering Company. “The ability to test ESD systems designed to mitigate this damage allows manufacturers to ensure that their product yields will remain high”.

The Ohm-StatTM RT-1000 Megohmmeter measures Surface Resistivity using parallel electrodes and concentric rings. The meter also tests Resistance to Ground (RTG), Resistance between Two Points (RTT), Volume Resistance using two 5lb. 2.5” disc probes, and measures humidity and temperature during the resistivity-resistance testing. Ohm-statTMRT-1000 can test each sleeve of a garment for continuity in addition to performing dissipative seating tests.

The test system conforms to ANSI/EOS/ESD (S4,S7.1,S12,S2.1), ASTM-F150, and NFPA 99A standards.

The Ohm-StatTM RT-1000 Megohmmeter is designed to provide high quality resistance testing of materials such as floor finishes, floor mats, table mats, conductive floor tiles, work surfaces, paints, bags, wrist straps, common point ground cords, footwear, packaging materials, clothing, and ESD chairs in static controlled areas.

“The addition of this instrument adds to Gerbig Engineering’s’ considerable testing expertise” said Fred Gerbig, President of Gerbig Engineering. “Robust, thoroughly documented testing of critical systems used in cleanrooms is one of our key strengths as a company.”

Gerbig Engineering is a privately owned company located in Burnsville Minnesota. The company specializes in design and fabrication of cleanroom systems including softwall cleanrooms, modular cleanrooms and clean room work stations. Gerbig Engineering also provides cleanroom certification and consulting. Gerbig Engineering products are used in many applications including medical cleanrooms, pharmaceutical cleanrooms, semiconductor cleanrooms and cleanrooms for microelectronics.

Electrical Resistance testing is imperative for proving ESD flooring and matting compliance for stringent ESD requirements. With a multitude of accessories available this meter can grow with your needs and is so well built it's designed to last a lifetime. Lightweight, versatile, robust and portable this device measures resistivity temperature and humidity. Meter range is from < 1.0E03 to 1.0E13. The RT-1000 can use both internal and external test probes.