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For Immediate Release

## **3M Introduces ESD Pro-- A New Lightweight, Handheld Electrostatic Discharge Event Detector**

**Austin, Texas – March 4, 2008** – A new lightweight, handheld electrostatic discharge event detector capable of distinguishing various levels of ESD events is available immediately from the 3M Electronic Solutions Division. The 3M brand ESD Pro Event Detector is a hand-held indicator of ESD events that detects and counts discharges and shows the relative electrical strength of each ESD event on a bar graph display. The portable, easy-to-use 3M ESD Pro Event Detector serves as a quick measure of the effectiveness of ESD protection, which is particularly important in sensitive component (Class 0) applications such as electronics assembly, semiconductor, medical, and disk drive device manufacturing.

Small and thin enough to fit in a shirt pocket, ESD Pro offers simple-to-use variable settings of discharge alarm thresholds to detect and count only ESD events that exceed the user-set threshold. On each discharge, ESD Pro provides an audio alarm and a 10-LED bargraph to show the relative strength of detected ESD events. If the discharge exceeds the set alarm level, the LEDs turn red. The unit's four-digit counter provides a count of discharges occurring above the set threshold, while disregarding those programmed as insignificant. ESD Pro can measure multiple consecutive discharges in an ESD event.

3M ESD Pro Event Detector's proprietary waveform analysis algorithm in its charge device model (CDM) mode rejects most non-ESD EMI events to provide accurate detection of legitimate discharges in noisy environments. This feature is helpful in manufacturing and other environments where EMI (electromagnetic interference) events occur from motors, solenoids, relays and similar devices.

Using the same antenna technology available in the 3M EM Aware, ESD Pro can quickly diagnose and troubleshoot environments for ESD events, evaluate ESD-protective equipment, or qualify tools for use in sensitive environments.

3M is a pioneer in static control products and ESD event measurement devices, steadily improving upon the detectors and oscilloscopes used within the last eight years. For more information about this and other 3M ESD control products, visit <http://www.3M.com/static> or <http://www.credencetech.com>.

### **About 3M Electronics Solutions Division**

3M Electronics Solutions Division offers innovative solutions to the electronics market, such as static control products; copper interconnect systems; cables and cable assemblies; carrier and cover tapes and trays; flexible circuits; embedded capacitor materials, and Textool brand test and burn-in sockets.

### **About 3M**

A recognized leader in research and development, 3M produces thousands of innovative products for dozens of diverse markets. 3M's core strength is applying its more than 40 distinct technology platforms – often in combination – to a wide array of customer needs. With \$23 billion in sales, 3M employs 75,000 people worldwide and has operations in more than 60 countries. For more information, including the latest product and technology news, visit <http://www.3m.com/>.

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U.S. Patents 6,563,319, 6,762,607, other patents pending.

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