

3M™ Workstation and Personal Grounding Monitors (formerly Credence Technologies)

EM EYE METER

Features:

- Detects ESD events and locates their sources
- Measures the magnitude of individual ESD events
- Logs ESD events with their magnitude and time/date stamp for generating ESD environment diagrams and records
- Measures electromagnetic field strength over a wide dynamic range
- Measures both continuous and pulsed fields and field strength and power density
- Locates sources of EMI

Applications:

- ESD Audit and Survey
- ESD Environ Diagnostics
- Data Logging for ESD Reports and for Statistical Analysis
- Antenna Installation and Maintenance
- Telecommunications (CW, TDMA/GSM/DECT)
- Diagnostics of Power Equipment
- Interference Analysis



MOUSER STOCK NO.	3M Part No.	Description	Price Each	
517-CTM048-2128	CTM048-2128	EM Eye Meter with ESD and EMI Sensors RF Sensor		
517-CTC029	CTC029		4702.68	994.68

ESD PRO EVENT DETECTOR

Features:

- ESD Event Detection
- Adjustable Alarm Threshold
- ESD Event Count
- Rejection of Non-ESD Events
- Portability

Applications:

- Electronics Assembly
- Semiconductor Device manufacturing
- Disk Drive manufacturing
- Medical Environments
- Military Aerospace



MOUSER STOCK NO.	3M Part No.	Description	Price Each	
			1	2
517-CTM082	CTM082	ESD Pro Event Detector	1171.25	1118.29

IRON MAN™ PLUS SOLDERING IRON CONTINUOUS MONITOR WORKSTATION

Just like the Iron Man™ soldering station, only the Iron Man™ Plus adds wriststrap monitoring for dual-wire wriststraps. It monitors both proper operator connection (resistance) and operator body overvoltage.

Features:

- Overvoltage (Electric Overstress - EOS) continuous monitoring of each board
- User-adjustable alarm threshold
- Transient signal detection
- Instant feedback to operators
- Identification of exposed boards
- Sound and visual alarms
- Low and High ranges 0...±5V and 0...±50V

Applications:

- Semiconductor Mfg.
- Electronic Assembly
- Repair and Service
- Military/Aerospace
- Medical Environment
- Wherever sensitive components are being handled



517-CTC331-WW	CTC331-WW	Iron Man™ Plus W/S Monitor	199.49	189.52
517-CTA251	CTA251	Replacement Terminal Board for Monitor	10.93	10.32

GROUND MAN™ PLUS GROUND MONITOR

Just like the Ground Man™ Ground Monitor, only the Ground Man™ Plus Ground Monitor adds wriststrap monitoring for dual-wire wriststraps. It monitors both proper operator connection (resistance) and operator body voltage.

Features:

- Continuous ground monitoring for up to 3 points
- Adjustable alarm threshold
- Ground enable/disable
- Small, space saving design
- Sound and Visual alarms
- Tool connectivity
- Compliant with ANSI 6.1 and ANSI/ESDA S20.20
- Dimensions: .85"x2.4"x2.5" (HxWxL)

Applications:

- Hard Disk Drive Mfg.
- Semiconductor Mfg.
- Electronic Assembly
- Industrial Automation
- Military/Aerospace
- Robotics
- Medical Environment and Facilities
- Wherever grounding is a concern



517-CTC334-WW	CTC334-WW	Ground Man™ Plus Tool Ground and Wriststrap Monitor	213.95	203.25
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3M™ GROUND PRO® GROUND INTEGRITY METER

This meter gives equipment and facility engineers and technicians the ability to accurately and easily measure ground parameters, including connectivity, noise and parasitic voltage on ground.

Features:

- Accurate ground impedance measurements
- Ground Noise (EMI) measurements
- AC and DC voltage on Ground
- Resolution down to 1 milliohm
- Compact and lightweight
- Test Leads autozero
- User friendly
- Easy to read, back-lit display
- ANSI 6.1 and ANSI/ESDA compliant
- Power: Battery 9V

Applications:

- Hard Disk Drive Mfg.
- Semiconductor Mfg.
- Electronic Assembly
- Industrial Automation
- Military/Aerospace
- Robotics
- Medical Environment and Facilities
- Wherever grounding is a concern



MOUSER STOCK NO.	3M Part No.	Description	Dimensions (in.)	Price Each
517-CTM051	CTM051	Ground Integrity Meter	4.5" x 3.6" x 1.1"	1171.25

SCANEM® NEAR FIELD PROBES KITS

These probes are the most versatile, affordable instruments for detecting, locating and measuring electromagnetic emissions. They reliably predict EM behavior and to locate emission sources in a matter of seconds. ScanEM-C probes are used for EMC analysis on a PCB level while the ScanEM-QC probes are used for assessment of electromagnetic compliance of the entire product.

Features:

- Each Kit contains E and H Field Probe
- Fits in the palm of your hand



CTK019 Shown

MOUSER STOCK NO.	3M Part No.	Description	Price Each	
			1	2
517-CTK015	CTK015	6.18" ScanEM-C Near-Field Probes	741.33	732.18
517-CTK019	CTK019	7.31" ScanEM-QC Near-Field Probes	935.82	901.63
517-CTA101	CTA101	Accessory Cable for ScanEM probes	105.47	98.88

EMC TRAINING KIT

This kit contains a set of 3M™ ScanEM®-C near-field probes, a step-by-step guide, EMI Demo fixture, a cable, and adapters in a case.

Features:

- Electric and magnetic fields
- Effects of ferrites and shielding
- Current in ground planes
- Identify and pinpoint exact sources of EMI

Applications:

- Schools and Universities
- Product design and development
- EMC test and diagnostics
- Signal Integrity Analysis
- EMI mitigation



MOUSER STOCK NO.	3M Part No.	Description	Price Each	
			1	2
517-CTK031	CTK031	EMC Training Kit	1053.54	1025.71