

Overhead Air Ionizer



Using Steady-State DC Ion Emission, The 3M™ Overhead Air Ionizer 991 Provides Consistent Static Control Coverage.

- ▶ Alarm Relay Closure Circuitry
- ▶ Bi-Color LED Indicator
- ▶ 44 Inches with Three Fans
- ▶ High and Low Speeds
- ▶ Self-Balanced; No Calibration Needed
- ▶ Visual Performance Indicator
- ▶ Broad Static Neutralization Over the Workbench
- ▶ Reduces Manual Emitter Point Cleanings

Stock No.	Mfr.'s Type	Description	EACH
70112804	991	Overhead Air Ionizer	1474.36

3M™ Ionized Air Gun — Model 980

The 980 Ionized Air Gun is an excellent tool for blowing particulate contamination off of any surface. It releases a balanced stream of compressed air that neutralizes the static charge that can hold particulates to a surface. The loose particles can then be easily blown away.



- ▶ Patented Technology Ensures Constantly Balance Ionization for Consistent Control of Surface Charges
- ▶ Compact and Lightweight
- ▶ Never Needs Adjustment and Requires Very Little Maintenance
- ▶ Can Be Mounted Anywhere on the Workstation for Easy Access

Stock No.	Mfr.'s Type	Description	EACH
70112668	980	Ionized Air Gun	905.33
70112806	980-F	Replacement Filter for 980	107.13
70112807	980-T	Replacement Nozzle Tip for 980	131.67

3M™ Ionized Air Blower

These Ionized Air Blowers neutralize static charge on non-conductive materials and help prevent static from damaging sensitive electronic components. Designed to be very user-friendly, the ionizer's gentle air flow does not disturb papers or delicate components, and the fan is extremely quiet at low speed. 100/120 V, 50/60 Hz.



Stock No.	Mfr.'s Type	Description	EACH
70112765	963E	Benchtop Air Ionizer	502.77
70112839	960	Mini Air Ionizer	454.22
70112650	960X	Wall Transformer for 960 Ionizer	48.70

Iron Man™ Plus Soldering Iron and Workstation Continuous Monitor

- ▶ Continuous Monitoring of Dissipative Mats and Surfaces
- ▶ Adjustable Alarm Threshold
- ▶ Mat Monitoring Enable/Disable
- ▶ Small, Space Saving Design
- ▶ Wriststrap Monitor — Operator's Resistance and Body Voltage
- ▶ Sound and Visual Alarms



CTC331-WW

Stock No.	Mfr.'s Type	Description	EACH
70112662	CTC331-WW	Iron Man™ Plus Workstation Monitor	188.17
70112663	CTA251	Replacement Jack Board for Wriststrap Monitor	9.49

Test Kit for Control Surfaces

The 3M™ Test Kit 701 contains a lightweight, user-friendly megohmmeter, plus all of the components needed to make testing mats and other surfaces simple and accurate. All of the items are packaged in a foam-lined carrying case. The kit is compatible with EOS/ESD standard S4.1-1990, "Worksurfaces-Resistive Characterization" and with MIL-W-87893A, "Workstation, Electrostatic Discharge (ESD) Control."



Stock No.	Mfr.'s Type	Description	EACH
70112879	701C	Test Kit Certified/Calibrated	1120.54
70112878	701	Test Kit	805.78

3M™ Static Sensor — Model 718C

The 3M™ 718 Static Sensor 718C is an accurate, hand-held, lightweight unit designed to measure static voltages on objects and surfaces. The sensor features a digital LCD display and two range settings: LOW to measure up to 1990 volts and HIGH to measure up to 19,900 volts. For remote monitoring or permanent recording, the 718 provides two pin-type output jacks.



Stock No.	Mfr.'s Type	Description	EACH
70112881	718C	Static Sensor/Certified	734.74
70112713	718A	Accessory pack with charge plate and charger	276.00

Wrist Strap Workstation Monitors



Stock No.	Mfr.'s Type	Description	EACH
70112886	724	Wrist Strap Work Station Monitor	171.23
70112673	725	Wrist Strap Monitor	82.32
70112923	732	Remote Input Jack for 724	39.57
70112808	733	Remote Splitter for 724	42.91
70112870	724VK	Verification Kit	73.91

Work station monitors use DC current to make a resistance determination. They continuously pulse a signal that is returned to the monitor through a special wrist strap and cord that contains two separate sets of independent conductors. They measure operator resistance to ground, have a resistor by-pass warning, use a safe, low current signal pulse, provide dual ground paths and have passive system actuation. Remote Input Jack Size: 3/16" x 1" x 1 1/2".

3M™ Static Monitor — Model 790

The 790 has two wrist strap input jacks located on its front, which allows two operators to use one 790 monitor unit at a workstation simultaneously. A green light indicates that the unit is "on" and that all monitored connections are within set limits. Two red lights and an audible alarm flash and beep at different rates to indicate 3 separate alarm conditions.



- ▶ Audible and Visible Alarms
- ▶ Compact System
- ▶ Pre-Select Test Voltages 1 V, 3 V, 6 V and 9 V
- ▶ Static-Dissipative Plastic Housing
- ▶ Mounts Easily to ESD Work Surface
- ▶ Regulatory Compliance: UL and CE

Stock No.	Mfr.'s Type	Description	EACH
70112809	790	Wrist Strap Static Monitor	109.60

Stand-By Jack



The 3M™ Monitor Stand-by Jack 3057 allows an operator to disconnect a ground cord from the wrist band and leave the workstation without deactivating the Workstation Monitor 724 or the 3M™ Static Monitor 790. Simply detach the cord from the wrist band and plug into the 3M™ Stand-by Jack 3057.

Stock No.	Mfr.'s Type	Description	EACH
70113984	3057	Stand-By Jack for Workstation Monitors 724/790	15.11

3M™ Single-Wire Workstation Monitor



3M™ Continuous Monitors use a new solid state impedance design to continuously test the connection integrity of the entire ground loop including the person, the wrist band, and the coil cord. This system is fully automatic and activates when a wrist strap is plugged into the unit. Provides a green light for safe condition and a red light and tone for unsafe condition. Unit is powered and grounded by the included AC adapter.

Stock No.	Mfr.'s Type	Description	EACH
70112810	WSMONITOR2	Continuous, Single-Wire Workstation Monitor	115.60

EM Eye Meter

NEW

The EM Eye Meter is capable of detecting ESD events and characterize them in most HBM, CDM and MM models. It is capable of rejecting non-ESD related events, making analysis easier. The meter is easy to operate and can be used by almost anyone who is involved with ESD. It provides information on estimated discharge voltages at a specific location, what time it occurred, and how many discharges have occurred.



Stock No.	Mfr.'s Type	Description	EACH
70112716	CTM048-21	EM Eye Meter with ESD Sensor	3961.00

ESD Pro Event Indicator

NEW

The ESD Pro is a hand-held indicator of ESD events that detects and counts the discharges as well as shows the relative strength of each ESD event. The ESD Pro offers variable settings of the discharge alarm threshold to detect and count only those discharges that exceed the threshold.



Stock No.	Mfr.'s Type	Description	EACH
70112805	CTM082	ESD Pro Event Detector	1182.01

Ground Pro Ground Integrity Meter

NEW

The 3M™ Ground Pro Ground Integrity Meter offers a suite of features designed to verify critical grounding parameters in any facility. The Ground Pro measures ground impedance in accordance with ANSI 6.1 and ANSI/ESDA S.20.20 standards.



Stock No.	Mfr.'s Type	Description	EACH
70112802	CTM051	Ground Integrity Monitor	1182.01