SCS Monitors and Meters

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EM Aware Monitor

- Counts and provides real-time detection of most ESD events and their magnitudes
- Identifies problematic environments and qualifies tools for handling ESD-sensitive devices
- Outputs Modbus serial communication for use with Static Management Program (SMP)

Compatible with SMP

Item	Description
CTC034-030-5-WW	EM Aware Monitor

Ground Master Monitor

- Continuously monitors the path-to-ground integrity of eight metal tools; meets ANSI/ESDS20.20
- Monitors for EMI and alarms if the grounded metal tools have high-frequency noise that could cause electrical overstress (EOS)
- Outputs Modbus serial communication for use with Static Management Program (SMP)

Item	Description
CTC065-5-WW	Ground Master Monitor

Compatible with SMP

WS Aware Monitor

- Continuously monitors the path-to-ground integrity of two operators, two conductive or dissipative worksurfaces, and two metal tools; meets ANSI/ESD S20.20 in accordance with ESD TR1.0-01-01
- Applies an ultra-low test voltage to the operator (0.05V) for the handling of sensitive components
- Alarms if the operator generates or comes in contact with voltage that would be dangerous to an ESD susceptible item
- Remote terminals with Big Brother Sensors detect the presence of operators and alarm if a wrist strap is not connected
- Outputs Modbus serial communication for use with Static Management Program (SMP)

Item	Description
CTC061-5-243-WW	WS Aware Monitor

Compatible with SMP

Iron Man™ Plus Workstation Monitor

- Continuously monitors the path-to-ground integrity of an operator and conductive or dissipative worksurface and meets ANSI/ESD S20.20 in accordance with ESD TR1.0-01-01
- Alarms if overvoltage (±5V or less) from a tool such as a soldering iron or electric screwdriver is applied to a circuit board under assembly
- Uses minimal workspace and includes mounting tabs for installation underneath table tops

Item	Description
CTC331-WW	Iron Man™ Plus Workstation Monitor

EM Eye - ESD Event Meter

- Detects, counts and measures ESD events that can damage ESD items and cause tool lock-ups, erratic behavior and parametric errors
- Calculates event magnitude for Charged Device Model (CDM), Human Body Model (HBM) and Machine Model (MM)
- Records all measurements to a microSD card for PC download
- Touchscreen display provides intuitive user interface
- Rechargeable lithium ion battery

Item	Description
CTM048-21	EM Eye - ESD Event Meter

Ground Pro Meter

- Verifies critical grounding parameters of a facility
- Measures AC voltage, DC voltage, EMI voltage and AC impedance
- Provides accurate measurements of ground impedance on a working tool
- Meets ANSI/ESD S20.20 requirements for AC impedance
- Identifies potential EOS generators
- Measures maximum millivolt requirement of IPC-A-610

Item	Description
CTM051	Ground Pro Meter

ESD Pro Event Indicator

- Detects and counts ESD events for control program troubleshooting and improvement
- Ten LED display shows the relative strength of the ESD event events equal to or exceeding the threshold
- Use the rotary switch to set the strength for which the ESD event must meet in order to be counted
- CDM Filter Switch filters and rejects EMI signals that are not caused by Charged Device Model discharges

Item	Description
CTM082	ESD Pro Event Indicator

724 Workstation Monitor

- Continuously monitors 2 operator dual-wire wrist straps and 1 worksurface mat
- Meets ANSI/ESD S20.20 in accordance with ESD TR12-01
- Visible and audible alarms indicate improper grounding of the operator and worksurface
- Adjustable operator test voltage and upper limit
- Adjustable audible alarm

Item	Description
724MO	Workstation Monitor without Power Adapter