

SCS EM EYE-Meter Multifunctional measuring device 770715

Product Number EP0201100



Product Description

Multifunction measuring device EM Eye Meter incl. ESD sensor

The EYE meter **detects, counts and measures ESD events** that can cause faults in other components. The device calculates the event size for the Charged Device Model (CDM), the Human Body Model (HBM) and the Machine Model (MM).

All measurements are recorded on a micro SD card and can therefore be downloaded to any PC for further processing or archiving. The EYE-Meter is easy and intuitive to operate via a touchscreen display. With additional optional attachments (sensors), the EYE-Meter becomes a portable detector for recording ESD events (discharges) and electromagnetic fields.

- **ESD event meter**

Detects, counts and measures ESD events that can damage ESD objects and lead to tool blockages, irregular behavior and parametric errors

- **Power slide switch**

Saves power from the rechargeable lithium-ion battery during storage

- **Selectable ESD event models**

Calculates the event size for the Charged Device Model (CDM), the Human Body Model (HBM) and the Machine Model (MM)

- **microSD card memory**

Records all measurements for PC download

- **Touchscreen display**

Offers an intuitive user interface

Scope of delivery:

- EM EYE Meter multifunction measuring device
- ESD sensor EP0201035
- MicroSD card, 4GB
- Power adapter, 5VDC
- **incl. CTC113 remote antenna**
- RF cable
- sturdy aluminum case
- Calibration certificate

Audio indicators	Speaker: beep or analog audio with volume control
Recording interval	Peaks: 1-360 seconds Averages: 0.1-360 seconds
Display	Touchscreen monitor 32 x 105 mm, 65W
External memory	microSD card
Headphone connection	3.5mm jack plug
Charger	240V, 50-60 Hz, 0.2A

ESD event sensor

Input resolution	1mV (1mV-15mV); 15 mV (15mV-1500mV)
Range detection	1.3cm - 38.1cm

EM Fields Sensor

Calibration frequency	1 GHz
Antenna factor	-40.0 to 40 dBm

RF signals Sensor

Dynamic range	Min: -55 dBm Max: 0 dBm
Attenuation	00 dB / 20 dB

Also available as a PRORENT rental device.

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