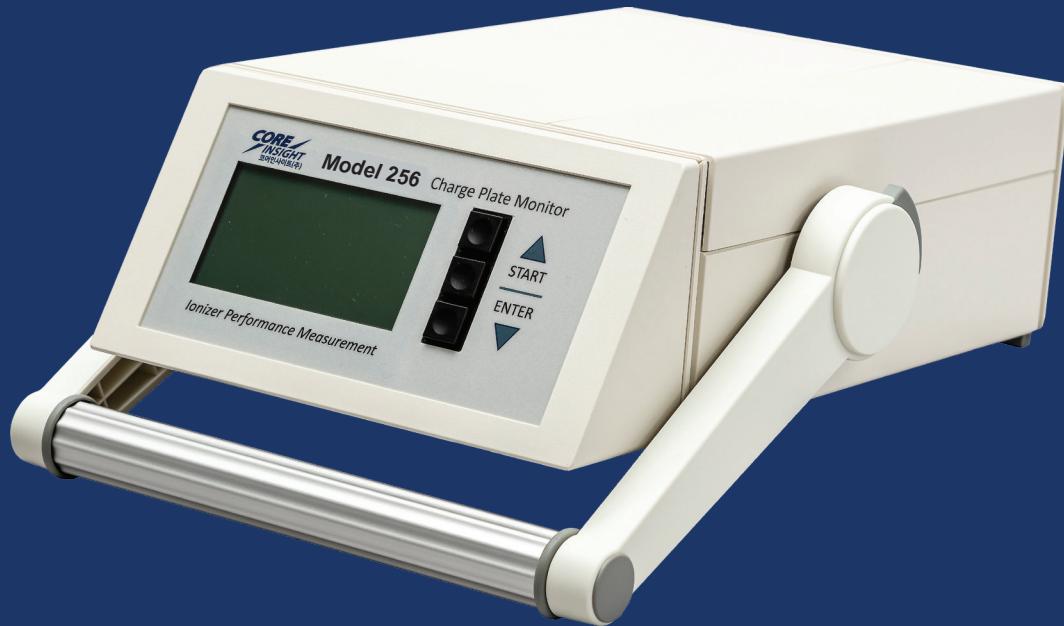


**NEW**

# Model 256

## Charge Plate Monitor



### FEATURES

- Compliance to ANSI/ESD STM3.1
- Fastest Response Speed
- Peak Offset Voltage Measurement
- Standard CPM Plate
- Configurable Parameter Adjustment
- Manual / Automatic Test Sequence

### BENEFITS

- Light Weight
- Long Battery Operation
- Large LCD Display
- Detachable 6" Plate

### APPLICATIONS

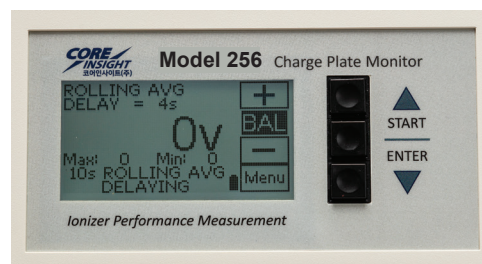
Model 256 Charge Plate Monitor is designed to provide accurate ionization system measurement and evaluation for the advanced ESD control program such as ANSI/ESD S20.20 standard. Model 256 CPM has adopted innovative high voltage electrometer technology known as voltage following technology for low voltage measurement.

Model 256 CPM can test all ionizers including room ionization systems, blowers, gun/nozzle and bar types. Model 256 CPM is the fastest precision charge plate monitor for testing DC, AC and Pulsed AC ionizers. Model 256 resolves 1 volt and has high accuracy with extremely low offset and drift. Start and stop voltages are programmable in 5 volts increments. Model 256 is small and light weight for compliance verification by itself and over 8 hours of battery at 1 hour charging.

# NEW Model 256 Charge Plate Monitor

## Specifications

Monitored Voltage Range	0 to $\pm 1050$ V DC or peak AC
Bandwidth	DC to 200 Hz (Measured at 2 kVp-p, -3dB)
Timer	0.1 to 999.9 seconds in 0.1 sec increments
Start Voltage	Programmable from $\pm 10$ V to $\pm 1000$ V by 5 V resolution
Stop Voltage	Programmable from $\pm 5$ V to $\pm 995$ V by 5 V resolution
Display	40 H x 70 L mm LCD Screen
Drift	Less than 6 V/minutes
Balance Delay	0 to 30 seconds (Adjustable in 1 second)
Power Requirement	24V DC
Battery Operation	NiMH 7.2 V 3 Ah (Internal)
Monitor Output	1:200 (1V = 200V at Plate)
CPM Connection	05.650 - 1 Triax (50 ohm)
Capacitance	20 pF $\pm$ 2 pF
Operating Condition	Temperature: 15 - 35°C Humidity: 35 - 85% RH
Enclosure	Enclosure: ABS plastic
Dimensions (mm)	74 H x 190 W x 248 D mm
Warranty	1 year limited warranty
Weight	1.5 kg



- Three Position Toggle Switch that Select +Decay, -Decay and Balance Measurement Mode Selection
- Peak Offset Voltages and Average Display



- Main Switch in Rear Panel
- Low Noise Triax CPM Plate Connector
- 24V DC Input, Ground, Voltage Monitor BNC Output

## Related Products & Ordering Information

Model 256 CPM	Charge Plate Monitor Kit
Model 256-INST	Charge Plate Main Instrument
Model 256-150	Charge Plate 150x150
Model 5178D	DC Power Adapter, 100 - 240 VAC 50/60Hz

