

Model 256

Voltage Following Technology Charge Plate Monitor

FEATURES

- Compliance with ANSI/ESD STM3.1
- Fastest Response Speed
- Peak Offset Voltage Measurement
- Standard CPM Plate
- Manual Test Sequence
- Measurement Parameter Adjustable
- Absolute Peak or Rolling Peak Measurement Mode
 - Rolling Peak Offset Voltage Refreshes Every 10 Second
- Auto Test Sequence
- Stores up to 20 Test Results
- Optional
 - Extended Memory up to 200 Records
 - Wireless Bar Code Reader

BENEFITS

- Light Weight
- Long Battery Operation
- Large LCD Display
- Standard 6-inch plate
Optional 1-inch plate

APPLICATIONS

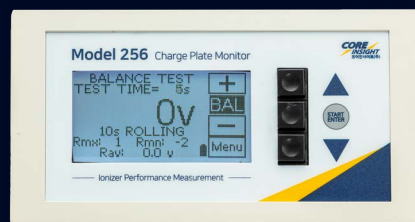
The Model 256 Charge Plate Monitor (CPM), based on voltage-following technology, is designed to provide accurate ionization system measurement and evaluation, fully compliant with ANSI/ESD S20.20, ANSI/ESD STM3.1 and advanced device handling applications.

The Model 256 CPM can test all types of ionizers, including room ionization systems, blowers, gun/nozzle, and bar types. It offers the fastest response time of 200 Hz, enabling accurate measurement across common ionization technologies such as DC, AC, and pulsed DC ionizers.

The Model 256 CPM provides 1V resolution with high accuracy and no drift. Start and stop voltages are programmable in 5 V steps. Its compact and lightweight design allows for easy handling, and it offers over 8 hours of operation with just 1 hour of charging.

SPECIFICATIONS

Monitored Voltage Range	0 to ± 1050 V DC or peak AC	Monitor Output	1 : 200 (1V = 200 V at plate)
Bandwidth	DC to 200 Hz at Large Signal	Capacitance	20 pF ± 2 pF
Timer	0.1 to 999.9 seconds in 0.1 sec increments	Operating Condition	Temperature: 15 ~ 35°C / Humidity: 35 ~ 75% RH
Start Voltage	Programmable from ± 10 V to ± 1000 V by 5 V resolution	Material	Enclosure : ABS plastic
Stop Voltage	Programmable from ± 5 V to ± 995 V by 5 V resolution	Dimensions	74 H x 190 W x 248 D mm
Display	40 H x 70 L mm LCD Screen	Warranty	1 year limited warranty
Balance Delay	0 to 30 seconds (Adjustable in 1 second)	Weight	1.5 kg
Power Requirement	24V DC	Certification	CE RoHS UL LISTED
Battery Operation	NIMH 7.2 V 3 Ah (Internal)		



- Three-Position Toggle Switch for Selecting +Decay, -Decay, and Balance Measurement Modes.
- Displays Peak Offset Voltage and Average Voltage



- Main Switch on the Rear Panel
- Low Noise Triax CPM Plate Connector
- 24V DC Input, Ground, and Voltage Monitor (BNC Output)