

FG-450

Static Level Meter



- Portable static level meter for the measurement of electric potential of films and plastic objects
- Useful when checking electric potential measurements in production lines.
- Also suitable for performing operation test of static eliminators.

Features

Rotating sensor head



Selectable two modes in measurement

- Measuring static electricity (resolution: 10 V)



The red light image is projected to a point about 30 mm from the meter.



- Measuring ion balance (resolution: 1 V)



Packing List

FG-450	Unit (with carrying case), Grounding wire, Strap, 006P 9 V Manganese dry battery (for trial), Ion balance plate (with screw), Instruction manual
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Specifications

Model No.	FG-450
Power supply	006P 9 V dry battery
Measurable potential range	Normal mode: 0.00 to ±19.99 kV (resolution: 0.01 kV) Ion balance mode: 0.000 to ±1.999 kV (resolution: 0.001 kV)
Signal detection method	Oscillating chopper method
Display refresh frequency	0.5 seconds
Measurement precision	±10% of reading ±2 digits
Continuous operating limit	Approx. 10 hours (with an alkaline battery)
Measurement distance	30 mm (between object being measured and sensor)
Measurement distance adjustment	Red LED beam focusing method
Sensor head rotation angle	180° (stops every 45°)
Display	LCD display with built-in backlight
Polarity display	Positive polarity/negative polarity display
Mode switching	Switch modes by pressing MODE button
Battery check	Remaining charge displayed in display panel
Operating environment	0 to 40°C, 20 to 70%RH (without condensation)
Dimensions	68 (W) × 138 (H) × 22 (D) mm
Weight*	160 g

* Including battery

Option

Part No.	Name	Specifications
B3586	Body changing level measurement plate	-