



Industrial Static Control

WWW.SIMCO-ION.COM

FMX-003

ELECTROSTATIC FIELDMETER

The FMX-003 fieldmeter is a compact electrostatic fieldmeter used for locating and measuring static charges. Its pocket size and three-button operation makes it convenient and easy to use.

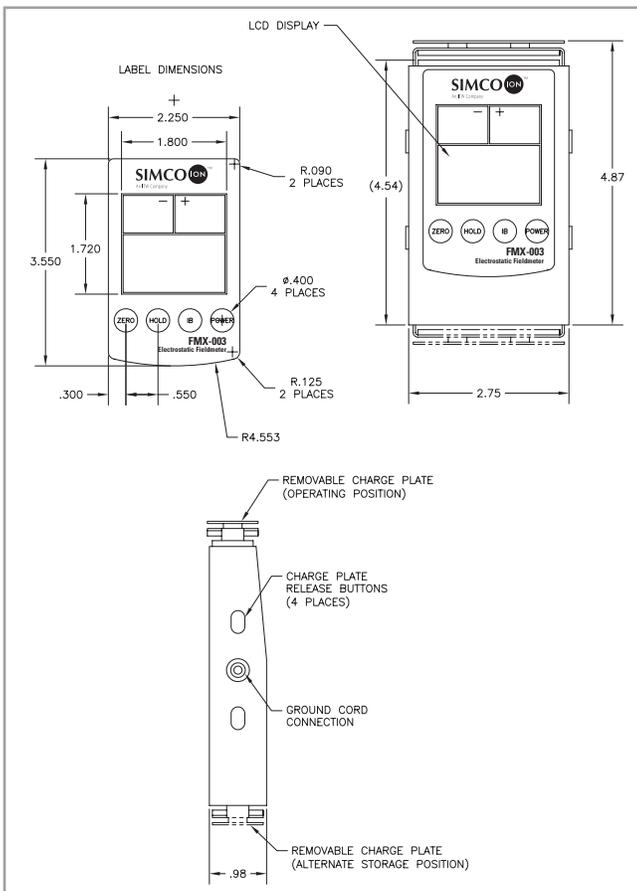
- Lightweight, compact design
- Range light assures accurate and repeatable measurements
- Automatic range switching up to $\pm 22\text{kV}$ (22,000V)
- Digital and bar graph display with +/- indicators
- Automatic power off with inactivity



Specifications

Display features	Push button POWER, HOLD, ZERO and Ion Balance operation
Read Out	Bar graph - red LCD for positive polarity voltage; blue LCD for negative polarity voltage; Battery capacity and error display indicators
Measurement Capability	Measuring range: 0 to ± 1.49 kV (low range); ± 1.0 kV to ± 22.0 kV (high range); 0 to ± 220 V (ion balance measuring range)
Measuring Distance	1" \pm 1/64" (25mm \pm 0.5mm); LEDs guide for correct distance
Response Time	Display updates less than 5 times per second
Accuracy	20 kV \pm 10 %
Alarm Features	Beep sound will be heard during power on, power on with Auto off, power off and over range.
Power	9 V, 6F22Y manganese battery
Size	4 7/8" (123mm) L x 2 7/8" (73mm) W x 1" (25mm) D
Weight	6 oz. (170g)

Dimensions



The FMX-003 measures both positive and negative polarity charges up to ± 22 kV (22,000V) at a distance of 1". Results are simultaneously shown numerically and in bar graph format on the unique multi-colored display that also displays battery charge status. Power on/off, zero adjustment, Ion Balance (IB) and hold are all push button operation. The hold button allows the display to retain the static charge reading. This is especially useful where display is difficult to see during measurement.

Two LED guide lights help position the fieldmeter at the right distance from a charged test object. The conductive case and ground snap facilitate grounding for accurate measurement. The circuitry of the FMX-003 has been designed to make measurements in areas using air ionization.



FMX-003 with case (included)

SIMCO IONTM
An ITW Company

P/N 5200782 Rev. C
© 2011 Simco-Ion - All rights reserved.
Specifications are subject to change without notice.

Simco-Ion

2257 North Penn Road
Hatfield, PA 19440-1998
Tel: 800.203.3419 (in USA)
Tel: 215.822.6401

customerservice@simco-ion.com
www.simco-ion.com