

Ohm Metrics EFM115

Pocket Static Fieldmeter

The Transforming Technologies EFM115 is a convenient electrostatic field meter used to locate and measure static charges and test the balance of air ionizers. Its compact design and four button operation makes it easy to operate. The EFM115 measures static voltages within $\pm 20\text{kV}$ (20,000V) at a distance of 1". Results are simultaneously displayed numerically and in bar graph format on an easy to read LED screen. Two LED guide ring lights help position the field meter at the right distance from a charged test object.

The EFM115 can be used to measure low voltages up to 200V in ion balance mode with a built in charge plate. The combination of field meter and ion balance tester make the EFM115 the ideal meter for static audits, and periodic verification of ionizers.

The EFM115 meets periodic test requirements per Compliance Verification ESD TR53 and conforms to ANSI/EOS/ESD (S4.1, S7.1, S12.1, S2.1).



EFM115
Pocket Static Fieldmeter

Product Specifications

Measuring range	
Static voltage	$\pm 0 \sim \pm 1.49 \text{ kV}$ (Low range) $\pm 1.0 \sim \pm 20.0 \text{ kV}$ (High range)
Ion balance voltage	$0 \sim \pm 200 \text{ V}$
Measuring distance	$25 \text{ mm} \pm 0.5$
Accuracy	$\pm 10\%$
Ambient conditions	$0^\circ\text{C} \sim 40^\circ\text{C}$, 680%RH or lower
Display Large	LCD display (Digital and bar graph)
Power	9V, 6F22Y manganese battery: 1PCE (Life: Approx. 30hours)
Weight	Approx. 140g without ion balance plate (Ion balance plate : Approx. 30g)

Product Number

EFM115 Filed Meter

This document is prepared for our customers as a service, and is to the best of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.



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Outstanding Alternatives in Static Control