

Staticmaster®

Model 520A Electrostatic Fieldmeter



The model **520A Electrostatic Fieldmeter** provides accurate, consistent measurements of electrostatic charges, even in the presence of ionization equipment. Designed for convenience, the model 520A is small enough to fit in a shirt pocket and is powered by a 9V battery.

This compact, full-function meter is equipped with distance ranging lights that indicate when the operator has reached the calibrated one-inch distance from the target, ensuring accuracy and consistency of measurements. Its easy-to-read digital display is calibrated to measure kilovolts per inch to ± 19.99 kV, and up to 59.99 kV at a three-inch distance to the target.

NRD fully tests the model 520A for accuracy, and backs the unit with a one-year limited warranty.

Model 520A Specifications

Meter: 3 1/2 digit, 0.4" digit height – LCD; automatic polarity, hold and low battery indicators

Output: Analog signal output jack provided; ± 10 kV meter reading equals ± 1 V output

Range: Auto range 0 V to 19.99 kV for either polarity at a distance of one inch; least significant digit indicates tens of volts; may measure higher voltages at greater distance

Accuracy: $\pm 5\%$ of full scale

Response: Typically 80–110 milliseconds

Power: 9VDC alkaline battery; battery life minimum 40 hours

Dimensions: 2.4" wide x 4.2" long x 0.9" deep (1.3" deep with zero knob and snap fastener); (6.1 cm x 10.7 cm x 2.3 cm)

Weight: 5 ounces, with battery (143 g)

Includes: Battery, instructions, and belt loop carrying case

Notice: NRD warrants that these materials are reasonably fit for the purpose described. We believe that specifications and technical information presented are based on test methods that produce accurate results. The foregoing limited warranty is expressly made in lieu of, and no other express and no implied warranty of merchantability or fitness for a particular purpose is made. NRD, LLC, will not be liable for incidental, consequential, special, exemplary or punitive damages. The limited warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, error or failure to properly maintain, clean or repair products.



2937 Alt Boulevard / PO Box 310 / Grand Island, NY 14072-0310
TOLL FREE 800 525 8076 / PHONE 716 773 7634 / FAX 716 773 7744 / EMAIL sales@nrdinc.com / WEB www.nrdinc.com