



Ground Zero Electrostatics PCS-715A Static Locator

PCS-715A Static Locator

Non-contacting meter indicates field voltage and polarity on charged surfaces



Item Number
PCS-715A

Contents

- ✱ PAR-809B Variable Resistance Reference
- ✱ ABL-36 INCH Black Silicone Test Lead
- ✱ ARL-36 INCH Red Silicone Test Lead

Packaging

Weight: 1 lbs (0.5 kg)
Length: 8.25 Inches (21 cm)
Width: 7.5 Inches (19 cm)
Height: 3.5 Inches (8.5 cm)

The PCS-715A Static Locator is a non-contact meter that indicates electrostatic field voltage and polarity on charged surfaces. This easy to use instrument comes equipped with a Power On/Hold button and a zero button. The meter automatically shuts off after approximately 90 seconds. The unit's grounding path is through its conductive case, so there is often no need to wear a grounded wrist strap during normal operations. The easy to read 3-1/2 digit LCD display automatically updates three times per second. Measurements are dependent on the distance from the object being measured. The unique one inch spacer makes distancing easy and repeatable.

Specifications

Distancing:

One inch spacer attached

Readout:

3-1/2 digit LCD, automatically displays measured voltage.

Polarity:

Automatic, positive implied, negative polarity indication

Zero:

Semi-Automatic, "Push to Zero" Feature

Response:

Display updates three times per second

Low Battery Indication:

"BAT" is displayed when voltage is too low for proper function

Hold indication:

The "HOLD" indication appears on the LCD when in hold mode

Measurement Ranges:

- @1 inch: 0-20,000 volts in 100 volt increments
- @1/10 inch: 0-2,000 volts in 10 volt increments

Extended Ranges:

- @ 4 inches: $\pm 40,000$ volts (multiply reading x 2)
- @ 6.5 inches: $\pm 60,000$ volts (multiply reading x 3)
- @ 8.5 inches: $\pm 80,000$ volts (multiply reading x 4)

Accuracy:

Better than $\pm 10\%$

Grounding Path:

Through conductive case and snap on back

Battery SavRTM Timeout:

Typically 90 seconds, automatic shut off

Power:

One (1) standard 9-volt battery, PROCELL, Eveready #216 (NEDA 1604, JIS 006P, IEC 6F22)Eveready #216

Battery Life:

200 hours typical

Dimensions:

Width: 2.4" (6.1 cm)
Depth: 0.9" (2.3 cm)
Length: 4.2" (10.7 cm)

Weight:

5 oz. (142 gm)

