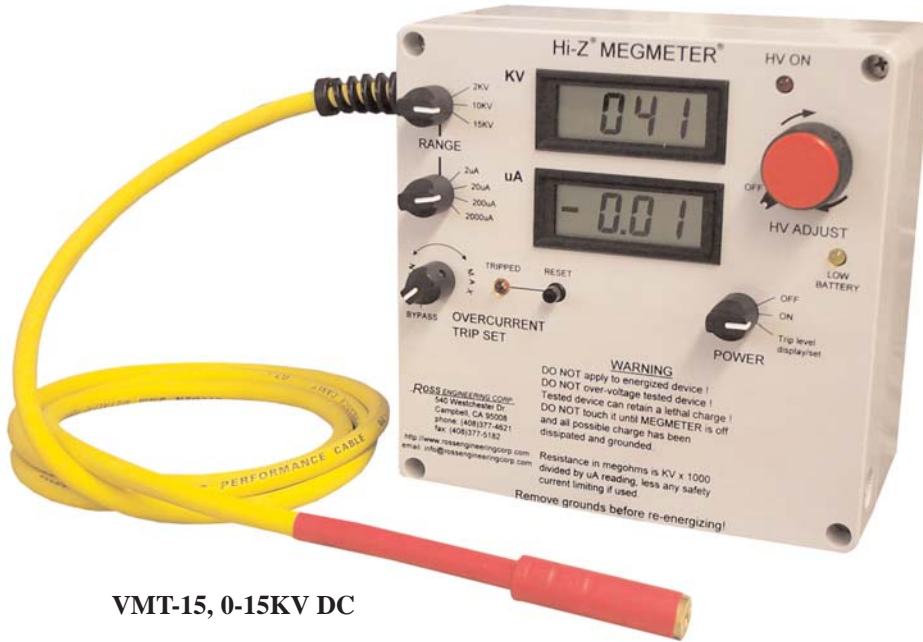


# HIGH VOLTAGE MEGMETER®

## DC Hipot, Vacuum Interrupter Tester, Insulation Leakage Current Meter and HV Resistance Measurement



### VMT-15, 0-15KV DC

Portable model VMT15, 0-2KV, 0-10KV, 0-15KV DC, 0.001-260 or 1000 microamps, or model VMT42, 0-2KV, 0-15KV, 0-42KV DC, 0.001-130 or 500 microamps. All models have programable overcurrent trip limit to minimize arcing damage.

12 Volt Battery powered for isolated field use.

Can be used as a HV low current source. Can measure leakage current in HV cables and any HV insulation or HV device.

Can measure megohms of dielectric leakage resistance.  
 $\frac{KV \times 1000}{\mu A} = \text{megohms insulation or HV Resistor resistance.}$

For high voltage power as well as electronic class use. Options available include: 20 to 300 megohm HV current limiting resistive probe, and HV underground cable plug adapter for safe use up to 25KV or 50KV RMS if HV probe tip accidentally contacts HV energized line. Compatible with Ross Hi-Z® Powerclass™ Voltmeter Kit.

Includes 6ft HV output cable, 115V AC charger, and adapter to allow operation and recharge from 12V DC vehicle battery in the field.

Available as an accessory with VM25E and VM50EE Hi-Z® Powerclass™ Voltmeters which provide HV safety probes for up to 100KV RMS.

### VMT-15, 0-15KV DC & VMT-42, 0-42KV DC

The Hi-Z® Megmeter® from Ross Engineering Corporation is a portable battery powered HVDC source and meter. Models are available for withstand testing of insulation up to 42KV DC, and measuring leakage current as low as 0.001 microamp when testing underground cable, safety gloves, vacuum interrupters, HV resistors and all other types of insulation.

- VMT-15, size 6.3" x 6.3" x 3.58" (159 x 159 x 90mm), weight 5lbs (2.2kg)
- VMT-42, size 9.8" x 6.8" x 3.91" (249 x 173 x 99mm), weight 7.5lbs (3.4kg)



**HV SAFETY  
PROBE**



**ROSS ENGINEERING CORP.**

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