



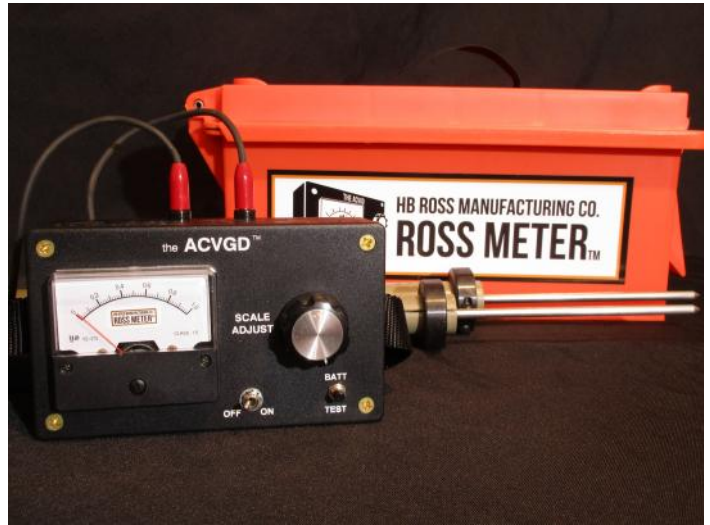
Introducing the ACVGD[®]

Also known as the ROSS METER[®]
60 HZ A.C. VOLTAGE GRADIENT DETECTOR

- **Easy Set Up** - The ACVGD[®] Ross Meter™ takes less than 30 seconds to set-up whereas other applications and devices require 90 or more minutes to safely initiate.

- **Locate the Fault Quickly** - The operator usually locates the fault within 10 to 15 short minutes after a brief set-up. Digging can begin much sooner than with other methods and instruments. Linemen depend on our meter with confidence.

- **Rugged, Dependable, Affordable** - The ACVGD[®] Ross Meter™ has been proven in the field since 1975. It is proudly built in the United States by workers who stand behind a quality American product.



General Description

The ACVGD[®] is an instrument designed to locate the point along an underground cable path where a "fault to the surrounding earth" is occurring. The ACVGD[®] makes use of the existing 60 hertz A.C. voltage (less than 600 VAC) that is still energizing the faulted cable. The ACVGD[®] does not require that any secondary voltage service cables be disconnected in order to use it. The operator merely walks out to where the cable is buried and begins to probe along the path of the cable as described below. Since the instrument does not put a signal or pulse onto the faulted cable, the instrument is "passive" in nature both in its design and in its use in locating the fault. Because of this passive nature, the instrument does not introduce any additional risk to the job site nor to the operator/user than was present prior to arrival at the job location. The ACVGD[®] is easy to use and its application to the job of locating the precise location of the fault can be mastered quickly.

Product Specification

Device Type	Voltage Gradient Detector
Power Source	Two 9 Volt Batteries (included)
Voltage Input	60 Hz AC Voltages up to 300 Volts RMS
Device Casing Dimensions	6.25"x3.75"x2.00"
Casing Material	Thermoplastic ABS – Mar and Scratch Resistant, Chemical Resistant, Heat Resistant to 475 degrees
Utility Carrying Case	Bright Orange Co-Polymer Injection Molded Construction, Water Resistant Foam Rubber Gasket
Probe Construction	Fiberglass - Industrial purpose isophthalic polyester resin (high strength, better flexibility and chemical resistance)
Probe Tips	Stainless Steel T304 ¼" diameter (standard specification ASTM A276, QQS-763, T304/304L)

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Since 1975

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