

TROUBLEMANS KIT

RADIO LINKED AMMETER + VOLTMETER

FEATURES

- Accurate Volt measurements from 1 - 37 kV
- Accurate Amp measurements from 1 - 5000 A
- Single stick user operation
- Remote display for safe reading verification
- Display holds four unique readings



Radio Voltstik, Overhead Conductor Radio Ampstik, Overhead Conductor



SAFELY MEASURE VOLTAGE + AMPS

The Troublemans Kit consists of a Radio Ampstik and Voltstik. These instruments are designed for linemen resolving problems in low and medium distribution circuits.

The Voltstik allows the user to measure the potential of any two points within a medium voltage distribution system. This high impedance instrument is an excellent choice for solving multiple problems associated with operating a medium voltage system. Measure voltage drop and check phase to ground voltage when investigating a voltage complaint. Further, take phase to phase measurements with 1% accuracy, an improvement over traditional phasing methods.

The Radio Ampstik uses the same current sensor technology as the original Ampstik. The current sensor does not use magnetic materials and has no moving parts. The opening of the sensor is electronically closed and external currents are also electronically rejected. The sensor is not position sensitive; just slip the unit over a conductor to take a measurement.

Using one unit at a time, the receiver shows the amp or voltage measurement and continues to update the reading three times per second using a non-licensed radio. This convenient display gives the user instant confirmation of the reading. The user has the option to hold the display in their hands or mount it to the hot stick. This practical and useful display allows the user to keep both eyes and hands on the task of taking the measurement.

APPLICATIONS

- Phasing
- Measure voltage drop
- Verify distribution PTs
- Spot verify current when investigating power diversion
- Troubleshoot voltage problems in distribution circuits
- Conduct load studies

TROUBLEMAN'S KIT SPECIFICATIONS	
Model Number	6-333
Description	Radio based Ammeter and Voltmeter
Kit Includes	37KV Voltstik
	Radio Ampstik
	Radio Receiver Display
	Carrying Case
Range of Operation, Voltstik	
Voltage	1-37,000 Volts
Resolution	1 Volt
Range of Operation, Ampstik	
Voltage Environment	69 kV
Amps, 0-99.9 A	0.1 A
Amps, 100-5000A	1 A
Sensor Opening	2.5 in, 6.35 cm
Accuracy	±1%, +2 counts
Frequency	60Hz (57 to 63Hz) or 50Hz (47 to 53Hz)
Mechanical	
Controls	One button operation
Display	5 Digit LCD
Operating Temperature	-4° to +140° F, -20° to +60° C*
Housing	Shock resistant molded urethane
Hot Stick Mounting	Shotgun or Universal. Hot stick not included.
Battery	9V Alkaline, one each
Radio	
Frequency, Region(s) 2 & 3	916.48 MHz
Frequency, Region(s) 1	869.85 MHz
Power	.1 milliwatt
Range	50 feet, 15.24 meters

*See user's manual for battery temperature specifications



Troubleman's Kit + Accessories



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