

TROUBLEMANS KIT

RADIO LINKED AMMETER + VOLTMETER

FEATURES

- Accurate Volt measurements from 1 - 37 kV
- Accurate Amp measurements from .5 - 5000 A
- Single stick user operation
- Remote display for safe reading verification
- Display holds four unique readings



SAFELY MEASURE VOLTAGE + AMPS

The Troubleman's 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.



Radio Voltstik, Underground



Radio Ampstik WJ, Overhead

APPLICATIONS

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



Radio Ampstik XT, Underground

TROUBLEMAN'S KIT SPECIFICATIONS		
Model Number	6-333	
Description	Radio based Ammeter and Voltmeter	
Kit Includes	37kV Voltstik Transmitter Radio Ampstik® Transmitter Radio Receiver Display Carrying Case	
Range of Operation, Voltstik		
Voltage	1-37,000 Volts	
Resolution	1 Volt	
Range of Operation, Ampstik		
Voltage Environment	133 kV	
Amps, .5-99.9 A	0.1 A	
Amps, 100-5000A	1 A	
Sensor Opening	6-122XT 2.50 in, 6.35 cm	6-122WJ 4 in, 10.16 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, Voltstik	Shock resistant molded urethane	
Housing, Radio Ampstik	Fire resistant and waterproof polycarbonate & silicone	
Hot Stick Mounting	Universal Chuck Adaptor (Hot Stick not included)	
Battery	9V Alkaline, one each	
Radio		
Frequency, Region(s) 2 & 3	915 MHz	
Frequency, Region(s) 1	869 MHz	
Power	1 milliwatt	
Range	50 feet, 15.24 meters	
*See user's manual for battery temperature specifications		



Troubleman's Kit + Accessories (XT or WJ Radio Ampstik available)



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