

PHASE METER

Wireless phase relationship set

VERIFY POWER LOADS ARE BALANCED

Use the Wireless Phase Meter to safely take voltage relationship measurements when verifying in-phase relationships, 120-degree phase shifts, and balanced loads.





Meters for safe + accurate live-line work.

PHASE METER SR/SRD

The Wireless Phase Meter provides reliable operation, giving live-line personnel the confidence to make immediate decisions for multiple voltage measurement applications.

The Phase Meter is a wireless measurement set, which can include a receiver for displaying readings. The Sensor and Reference units mount to hot sticks and communicate via radio to each other and the optional receiver display.

With the receiver display, the user views communicated readings up to 50 feet from the Sensor. The receiver can be held, attached to a hot stick, or hung on the bucket.

This measurement set can be used in

overhead applications, and with the correct accessories, is also designed for us to measure on underground builds.

Live-line personnel are able to easily use the set in multiple applications, including phasing, voltage indication, phase angle indication, and phase sequencing.

Understanding phase relationships in three-phase power is essential for designing, operating, and maintaining the electrical system efficiently and safely.

PRODUCT APPLICATIONS

Check relationship between phases
Conduct load balance verification

FEATURES

- Wireless communication up to 50 feet
- Remote measurement display
- Overhead and URD applications
- Phase indication
- Voltage indication in KV
- Holds four reading measurements
- LED and audible indication

PHASE METER SPECIFICATIONS*	
Model Number	6-303 SR or 6-303 SRD
Description	Phase Meter SR: Includes: (1) Sensor (1) Reference Phase Meter SRD: Includes: (1) Sensor (1) Reference and (1) Display
Weight	
Reference and Sensor	1.5 lbs, 0.68 kg, each
Receiver Display	0.85 lbs, 0.39 kg
Range of Operation	
Direct Contact, Line to Line	100V to 133kV
Non-Contact, Line to Ground	132kV to 500kV
Resolution	
Phase	1° - 359°
Voltage	1kV - 999kV
Accuracy	
Phase	±2°
Voltage	±15%
Measurements	Four Readings
Frequency	47 Hz to 63 Hz
Radio	
Frequency Region One	869 MHz
Frequency Region Two	915 MHz
Frequency Region Three	915 MHz
Radio Distance	50 feet, 15.24 Meters
Mechanical	
Controls	5 Position: OFF, TEST, UG, OH, OHT
Display, Phase	3 Digit Display
Display, Voltage	3 Digit Display
Operating Temperature	-22° to +140° F, -30° to +60° C Lithium battery required for temperatures below -4°F (-20°C)
Housing	Fire resistant and waterproof polycarbonate
Hot Stick Mounting	Universal chuck adapter. Hot stick not included.
Battery	9V battery per unit



OH Operation



UG Operation



Field Testing

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