



TESCO – THE EASTERN SPECIALTY COMPANY

Canal Street and Jefferson Avenue
Bristol, PA 19007

Date: 03/25/14

OPERATING INSTRUCTIONS - CATALOG NO. 646 PHASE ANGLE METER

Description:

The TESCO Phase Angle Meter is a self contained portable device which requires no auxiliary equipment for its operation and furnishes a quick and direct method of checking relay and instrument connections.

Operation:

- Determine voltage of service
- Determine load amperage
- Connect voltage and current leads to potential source and load current according to your companies testing procedures.
- Phase angle will indicate the phase difference between potential source and load current.
(Note: current lags voltage)

Specifications:

- Voltage Inputs: 69V, 120V, 240V, & 480V +/- 10%
- Current Inputs: 1A, 2.5A, & 5A +20% / -50%
- Phase Angle: 0-359 deg +/- 1% current lags voltage

- Replace potential fuse with MDL 1/4 amp fuse (or equivalent)
- Replace current fuse with AGC 7 1/2 amp fuse (or equivalent)