

**NEW  
2016**



PRM-6

## PRM-6 Phase Sequence and Motor Rotation Tester

The PRM-6 Phase Sequence and Motor Rotation Tester can test the motor rotation of 3-phase systems and verify 3-phase receptacle wiring and phase sequencing with test leads. An additional advanced feature is wireless motor rotation detection, which senses motor rotation direction without use of test leads, particularly useful for fast-running motors when the motor rotation cannot be visually determined or when the drive shaft is not visible. The PRM-6 is an essential tool for motor rotation and phase sequence testing in commercial and industrial environments on electrical systems up to 700 V.

- 3-phase wire sequence indication
- Synchronous or asynchronous motor rotation direction
- Error displays (missing phase, one input connected to neutral or PE)
- Non-contact, wireless motor rotation detection on running motors
- Indicates motor rotation of disconnected motors when spinning the shaft by hand or other means
- 3-phase to phase voltage up to 700 V
- Clear backlit LCD display with easy to read symbols
- Durable, rubber casing for 3 ft. (1 m) drop-proof protection
- Safety: CAT IV 600 V

FEATURE	PRM-6
3-Phase indication and open-phase check	LCD
Phase rotation detection	Voltage range (frequency): 40 – 700 V (16 – 60 Hz) 50 – 700 V (60 – 400 Hz) Nominal test current: < 3.5 mA
Non-contact, wireless motor rotation detection	Frequency range: 16 – 400 Hz
De-energized motor rotation test	Voltage range: ≥ 1 V – 700 V Frequency range: 2 – 400 Hz

**INCLUDED ACCESSORIES:** 3 test leads, 3 test probes, 3 alligator clips, user manual, carrying bag, 2 AAA batteries



### Recommended Part

**TL-PRM-6**  
Replacement  
Test Lead Set



## MO-100 Milliohmmeter

Spot potential failures fast with the portable, battery powered MO-100. Check for opens or shorts in motor windings, generators and transformers. Test heating elements and wire-to-wire resistance in critical electrical connections.

- Accurate four terminal measurement down to 100  $\mu\Omega$  without test leads resistance compensation
- Three test currents with over-temperature protection for measurement precision
- Protection against inadvertent connection to overvoltage
- Potential lead resistance, current lead resistance checks
- Indicates measurement errors due to temperature or connection problems
- Auto-hold and auto-off features
- Lightweight, robust and compact
- "O-Ring" sealed enclosure

FEATURE	MO-100
Measuring Ranges	0 – 200.0 m $\Omega$ in steps of 100 $\mu\Omega$ 0 – 2000 m $\Omega$ in steps of 1 m $\Omega$ 0 – 20.00 $\Omega$ in steps of 10 m $\Omega$ 0 – 200.0 $\Omega$ in steps of 100 m $\Omega$ 0 – 2000 $\Omega$ in steps of 1 $\Omega$
Test Current	1 mA (2000 $\Omega$ range) 10 mA (20 $\Omega$ / 200 $\Omega$ ranges) 100 mA (200 m $\Omega$ / 2000 m $\Omega$ ranges)

**INCLUDED ACCESSORIES:** User manual, test leads, batteries (installed)



MO-100

9.8" (L) x 7.5" (W) x 4.3" (D)  
(250 mm x 190 mm x 110 mm)

### Recommended Part

**MO-100-LEADS**  
Replacement  
Test Leads

