

# ELECTRICAL TEST TOOLS

## PHASE AND MOTOR ROTATION METERS

### MODELS 6608, 6609 & 6610

Ideal for installing rotating machinery or motors, and for checking generator output phase direction



### SPECIFICATIONS

MODELS	6608	6609	6610
<b>ELECTRICAL</b>			
Operating Voltage	40 to 850V <sub>AC</sub> between phases	With leads connected: 40 to 600V <sub>AC</sub> between phases	Static induction
Frequency Range	15 to 400Hz		45 to 65Hz
Power Supply	Self-powered via the measurement inputs	9V Alkaline battery (included)	One 9V Alkaline battery (included)
<b>MECHANICAL</b>			
Dimensions	5.1 x 2.7 x 1.3" (130 x 69 x 32mm)		5.0 x 2.8 x 1.8" (128 x 72 x 44mm)
Weight	4.5oz (130g)	6oz (170g)	13.4oz (380g) battery included
<b>ENVIRONMENTAL</b>			
Operating Temperature	32° to 104°F (0° to 40°C)		14° to 122°F (-10° to 50°C); max, 80% RH
Storage Temperature	-4° to 122°F (-20° to 50°C); < 80% RH		-4° to 140°F (-20° to 60°C); max, 80% RH
<b>SAFETY</b>			
Safety Ratings	IEC 61010-1, DIN VDE 0411; IEC 61557-7, DIN VDE 0413-7; Tightness: IP40		EN 61010-1, EN 61326-1
Electrical Safety	600V CAT III		1000V CAT III; 600V CAT IV



(Model 6610 Only)

### FEATURES

- Voltage sensing detector clips – no metal contact points to promote greater safety (Model 6610)
- Indication of live phase presence or phase absence
- Designed for checking a wider range of 3-phase power source from 75V to 1000V<sub>AC</sub> (Model 6610)
- Determination of a motor's rotation direction (Model 6609)
- Automatic testing as soon as the instrument is connected
- Terminals and cables identified by color-coding to simplify connection (test leads are attached to Model 6610)
- Phase rotation indicators (Model 6608)
- Phase and motor rotation indicators (Models 6609 & 6610)
- Color-coded leads (red, black, blue) and alligator clips (black)
- Color-coded jacks for common U.S. phase colors
- Line supplied - no battery needed (Model 6608)
- Protected internally by high impedance circuit to limit the current to user safe limits

### PRODUCT INCLUDES

#### 6608 & 6609

Carrying case, three test leads (4ft), three alligator clips and a user manual.

#### 6610

Soft carrying case, meter with attached test leads (black, red & blue) with alligator clips, 9V battery and user manual.



CATALOG NO.	DESCRIPTION
2121.10	Phase Rotation Meter Model 6608
2121.11	Phase & Motor Rotation Meter Model 6609
2121.12	Phase Rotation Meter Model 6610 (Non-contact)