

# ELECTRICAL TEST TOOLS

## PHASE AND MOTOR ROTATION METERS

### MODELS 6610, 6611 & 6612

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



6611

6612

6610

### SPECIFICATIONS

MODELS	6610	6611	6612
<b>ELECTRICAL</b>			
<b>Operating Voltage</b>	(75 to 1000) Vac Static induction	Rotary Direction: (1 to 400) Vac Phase indicator (120 to 400) Vac	(40 to 850) Vac Between phases
<b>Frequency Range</b>	(45 to 65) Hz	(2 to 400) Hz	(15 to 400) Hz
<b>Power Supply</b>	(1) 9 V Alkaline battery (included)		Line Power
<b>MECHANICAL</b>			
<b>Dimensions</b>	(5.0 x 2.8 x 1.8) in (127 x 71 x 46) mm	(5.3 x 2.9 x 1.2) in (135 x 75 x 31) mm	
<b>Weight</b>	13.4 oz (380 g)	4.83 oz (137 g)	
<b>ENVIRONMENTAL</b>			
<b>Operating Temperature</b>	(14 to 122) °F (-10 to 50) °C; max. 80 % RH	(32 to 104) °F (0 to 40) °C;	
<b>Storage Temperature</b>	(-4 to 140) °F (-20 to 60) °C; max. 80 % RH	(-4 to 122) °F (-20 to 50) °C; RH < 80 %	
<b>SAFETY</b>			
<b>Safety Rating / Ingress Protection</b>	EN 61010-1, EN 61326-1	IEC 61010-1, IEC 61557-7	
<b>Electrical Safety</b>	1000 V CAT III; 600 V CAT IV		



### 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 supply from 75 VAC to 1000 VAC (Model 6610)
- Determination of a motor's rotation direction (Model 6611)
- 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
- Phase and motor rotation indicators (Models 6610 & 6611)
- 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 6612)
- Protected internally by high impedance circuit to limit the current to user safe limits

### PRODUCT INCLUDES

#### 6610

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

#### 6611 & 6612

Soft carrying case, (3) 4 ft color-coded (black/red/blue) test leads, (3) color-coded (black) alligator clips and user manual



6610 case

6611 & 6612 case

CATALOG NO.	DESCRIPTION
2121.12	Phase Rotation Meter Model 6610 (Non-contact)
2121.90	Phase & Motor Rotation Meter Model 6611
2121.91	Phase Rotation Meter Model 6612