

ELECTRICAL TEST TOOLS

PHASE AND MOTOR ROTATION METERS



600 V
CAT IV

1000 V
CAT III



MODELS 6610, 6611 & 6612

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



6610



SCAN TO
LEARN
MORE



6611



6612



SCAN TO
LEARN
MORE

PRODUCT INCLUDES

6610

Soft carrying case, meter with attached test leads (black/red/blue) with non-contact sensor 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
test leads

6611 & 6612
case

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

Consult factory for NIST Calibration prices.

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 to 1000) V_{AC} (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
- Color-coded leads (red, black, blue)
- 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

CAT. #	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