

ELECTRICAL TEST TOOLS

PHASE AND MOTOR ROTATION METERS

MODELS 6608, 6609 & 6610

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

SPECIFICATIONS

MODELS	6608	6609	6610
ELECTRICAL			
Operating Voltage	(40 to 850) V _{AC} between phases	With leads connected: (40 to 600) V _{AC} between phases	(75 to 1000) V _{AC} Static induction
Frequency Range	(15 to 400) Hz		(45 to 65) Hz
Power Supply	Self-powered via the measurement inputs	(1) 9 V Alkaline battery (included)	
MECHANICAL			
Dimensions	(5.1 x 2.7 x 1.3) in (130 x 69 x 33) mm		(5.0 x 2.8 x 1.8) in (127 x 71 x 46) mm
Weight	4.5 oz (128 g)	6 oz (170 g)	13.4 oz (380 g)
ENVIRONMENTAL			
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
SAFETY			
Safety Rating / Ingress Protection	IEC 61010-1, DIN VDE 0411; IEC 61557-7, DIN VDE 0413-7; Tightness / IP40		EN 61010-1, EN 61326-1
Electrical Safety	600 V CAT III		1000 V CAT III; 600 V CAT IV

PRODUCT INCLUDES

6608 & 6609

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

6610

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



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 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

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)