

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 |
|---|---|--|-----------------------------------|
| ELECTRICAL | | | |
| Operating Voltage | (75 to 1000) Vac Static induction | Rotary Direction: (1 to 400) Vac Phase indicator (120 to 400) Vac | (40 to 850) Vac Between phases |
| Frequency Range | (45 to 65) Hz | (2 to 400) Hz | (15 to 400) Hz |
| Power Supply | (1) 9 V Alkaline battery (included) | | 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 | | |



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 |