

### Models 6608, 6609 & 6610

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



(Model 6610 only)



(Models 6608 & 6609 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 1000VAC (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

### ► SPECIFICATIONS

| MODELS                       | 6608  | 6609  | 6610  |
|------------------------------|---|---|---|
| <b>ELECTRICAL</b>            |   |   |   |
| <b>Operating Voltage</b>     | 40 to 850VAC between phases   | With leads connected: 40 to 600VAC between phases | Static induction                            |
| <b>Frequency Range</b>       | 15 to 400Hz   |   | 45 to 65Hz                                  |
| <b>Power Supply</b>          | Self-powered via the measurement inputs   | 9V Alkaline battery (included)                    | One 9V Alkaline battery (included)          |
| <b>MECHANICAL</b>            |   |   |   |
| <b>Dimensions</b>            | 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)          |
| <b>Weight</b>                | 4.5 oz (130g)   | 6 oz (170g)                                       | .82 lbs (380g) battery included             |
| <b>ENVIRONMENTAL</b>         |   |   |   |
| <b>Operating Temperature</b> | 32° to 104°F (0° to 40°C)   |   | 14° to 122°F (-10° to 50°C); max. 80% R.H.  |
| <b>Storage Temperature</b>   | -4° to 122°F (-20° to 50°C); RH < 80%   |   | -4° to 140°F (-20°C to 60°C); max. 80% R.H. |
| <b>SAFETY</b>                |   |   |   |
| <b>Safety Ratings</b>        | IEC 61010-1, DIN VDE 0411; IEC 61557-7, DIN VDE 0413-7; Tightness: IP 40 (as per IEC 60529 Ed.92) |   | EN 61010-1, EN 61326-1                      |
| <b>Electrical Safety</b>     | 600V CAT III  |   | 1000V CAT III; 600V CAT IV                  |

### ► PRODUCT INCLUDES

#### 6608 & 6609

Carrying case, three test leads (4 ft), 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) |