

# Phase and Motor Rotation Meters

## Models 6611 & 6612

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

### Other features:

- Identify phase rotation on 3-Phase systems
- Identify live and open/de-energized phases
- Determine the direction of rotation of a motor with or without connection (Model 6611)
- Clockwise & Counterclockwise rotation LED screen (Model 6612)
- Compact and rugged



*Our products are backed by over 130 years of experience in test and measurement equipment, and encompass the latest international standards for quality and safety.*



# Phase & Motor Rotation Meter

## Model 6611



600 V  
CAT IV

1000 V  
CAT III



### ***Designed to identify phase rotation on 3-Phase systems and identify live and open/de-energized phases***

This three-in-one test tool is a must for any plant maintenance staff, contractors, and electricians. Designed to identify proper sequencing for three-phase power, the Model 6611 can also measure the proper rotation of motors, conveyors, pumps, and other electrical devices interconnected on the power line system before installation.

This meter is a versatile tool designed to provide you with a range of functions. You can easily determine the direction of phase rotation, as well as detect the presence or absence of phase. Additionally, this meter can help you determine the direction of rotation of a motor, with or without connection.

Comprehensive features and ease of use make this meter an efficient tool. With its compact and ergonomic design, the Model 6611 is easy to handle and use. It is built to withstand the rigors of daily use with its rugged construction.

### **APPLICATIONS**

- ▶ Phase rotation
- ▶ Measure rotation of motors, conveyors, pumps
- ▶ Plant maintenance
- ▶ Electrical devices installation
- ▶ Industrial and commercial troubleshooting

### **FEATURES**

- ▶ Determine the direction of phase rotation
- ▶ Determine the direction of rotation of a motor with or without connection
- ▶ Indication of live phase presence or phase absence
- ▶ Determine the activation of a solenoid valve without connection
- ▶ Color-coded leads (red, black, blue)
- ▶ Color-coded jacks for common U.S. phase colors
- ▶ Protected internally by high impedance circuit to limit the current to user safe limits

### **CONSTRUCTION**



# Phase Rotation Meter Model 6612



600 V  
CAT IV

1000 V  
CAT III



## *A compact and rugged meter designed to identify phase rotation on 3-Phase systems*

The Phase Rotation Meter Model 6612 is a handheld instrument designed to facilitate installing three-phase electrical power supply networks by allowing a rapid determination of the direction of phase rotation. It can also identify live and open/de-energized phases.

Whether you're installing motors, conveyors, pumps, or other electrical devices on the power line system, the Model 6612 is an essential piece of equipment. It allows you to measure the proper rotation of these devices, ensuring that they operate efficiently and safely.

The Model 6612 is a reliable tool that you can depend on to ensure everything is working properly, making your work much easier and effective.



## FEATURES

- ▶ Determine the direction of phase rotation
- ▶ Clockwise and Counterclockwise rotation LED
- ▶ Color-coded leads (red, black, blue)
- ▶ Color-coded jacks for common U.S. phase colors
- ▶ Line supplied – no battery needed
- ▶ Protected internally by high impedance circuit to limit the current to user safe limits



MODELS	6611	6612
ELECTRICAL		
Operating Voltage	Rotary Direction: (1 to 400) V <sub>AC</sub> Phase Direction: (120 to 400) V <sub>AC</sub>	(40 to 850) V <sub>AC</sub> between phases
Frequency Range	(2 to 400) Hz	(15 to 400) Hz
Power Supply	(1) 9 V Alkaline battery (included)	Line Power
MECHANICAL		
Dimensions	(5.3 x 2.9 x 1.2) in (135 x 75 x 31) mm	
Weight	4.83 oz (137 g)	
ENVIRONMENTAL		
Operating Temperature	(32 to 104) °F (0 to 40) °C (15 to 80) % RH	(32 to 104) °F (0 to 40) °C
Storage Temperature	(-4 to 122) °F (-20 to 50) °C RH < 80 %	
SAFETY		
Safety Rating / Ingress Protection	IEC 61010-1 IEC 61557-7	
Electrical Safety	1000 V CAT III, 600 V CAT IV	

## PRODUCT INCLUDES

**Models 6611 & 6612:** Soft carrying case, (3) 4 ft color-coded (red/black/blue) test leads, (3) color-coded (black) alligator clips and user manual.



## ORDERING INFORMATION

Phase and Motor Rotation Meter Model 6611	CAT. #2121.90
Phase Rotation Meter Model 6612	CAT. #2121.91



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3

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