

# PHASE ROTATION CHECKER

## DAC-PR-1



DAC-PR-1 is a checker to detect the direction of rotation of electric motors. The direction of rotation is determined from the phase direction of the magnetic field leaking from the motor. The detection is possible within about 10 cm from the surface of the motor.

### ■ Features:

- Compact and fitting in one hand checker.
- Non-contact detection of motor rotating direction.
- Direction of rotation can be easily determined by lamp lighting and buzzer.
- Rotation direction can be detected even when a rotor is not present.

### ■ Applications

AC Motor, DC Motor, Pulse Motor, etc.

### ■ Specifications

- Method : Detection of differences in the shifting magnetic field
- Measuring distance : Within about 10 cm from the surface of the specimen  
Frequency 40Hz – 70Hz
- Power Supply : AA Battery 1.5V x 2
- Dimensions : W30×H55×D180 (mm)  
Approx. 260g

Specifications are subject to change for improvements without prior notice.

## PHASE ROTATION CHECKER DAC-PR-2S



DAC-PR-2S provides a non-contact means of detecting and displaying the direction of rotation of motors. The direction of a motor's rotation can be determined even if the rotor is visually hidden or absent, because this instrument senses the phase rotation of the leakage field of the motor's rotating magnetic field.

The direction of rotation of a DC motor also can be determined when its rotor is in motion, generating a rotating magnetic field.

In addition, this phase rotation checker can be used for any kind of equipment that generates a shifting magnetic field, such as a linear motor.

### ■ Applications

AC Motor, DC Motor, Pulse Motor, etc.

### ■ Specifications

- Method : Detection of differences in the phase of magnetic field
- Measuring distance : Within about 10 cm from the surface of the specimen  
Frequency 40Hz-70Hz
- Control signals : Start: Contact input  
NO/GOOD output: Contact output
- Power supply : AC90-250V  $\pm 10\%$  50/60Hz, 15VA
- Dimensions : Main unit : W300×H130×D230 (mm)  
Sensor unit : W48 x H24 x D55 (mm)  
Lead wires : About 5 m long
- Weight : About 5 kg

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