

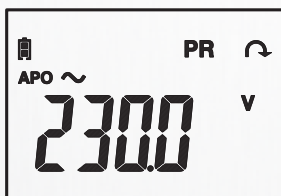
# SEW

## DIGITAL MULTIMETER AND PHASE ROTATION TESTER

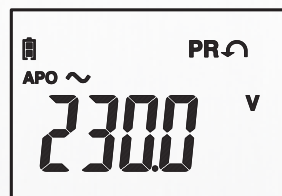


- 4000-count LCD
- Auto ranging
- Voltage, Resistance, Current, Continuity, Diode measurement
- **Can measure Resistance / Insulation up to 200.0 Mohm**
- **Checks a wide range of 3-phase power sources (80~750VAC)**
- **Phase Rotation indication : clockwise and counter-clockwise on LCD**
- **The LCD will show AC voltage between phases and Phase Rotation**
- **Wide range for capacitance test: 0~40000 $\mu$ F(40.00mF)**
- **REL / Auto-Zero function**
- **MAX /MIN function**
- **VAHz function**
- Frequency : 40.00 MHz
- Data hold function
- Over range indication
- Low battery detection
- Auto power off in 15 minutes
- Convenient stand for viewing
- Comply with EN 61010-1, CAT III 600V for the range of 600V AC/DC

### PHASE ROTATION INDICATION



Rotating Right L1 L2 L3  
(clockwise)



Rotating Left L1 L3 L2  
(counter-clockwise)

STANDARD ELECTRIC WORKS CO., LTD.

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Model

# 3000 MPR

## SPECIFICATIONS

### DC Voltage

Ranges	Resolution	Accuracy
400mV	0.1mV	±(0.5%rdg+3dgt)
4V	1mV	
40V	10mV	
400V	100mV	
1000V	1V	

- Input impedance : 10MΩ

### AC Voltage

Ranges	Resolution	Accuracy
400mV	0.1mV	±(1.0%rdg+5dgt)
4V	1mV	
40V	10mV	
400V	100mV	
750V	1V	

- Input impedance : 10MΩ

### DC mA / μA

Ranges	Resolution	Accuracy
400μA	0.1μA	±(1.0%rdg+5dgt)
4000μA	1μA	
40mA	0.01mA	
400mA	0.1mA	

- Overload protection 0.5A/600V fast blow fuse for 400mA.

### AC mA / μA

Ranges	Resolution	Accuracy
400μA	0.1μA	±(1.2%rdg+5dgt)
4000μA	1μA	
40mA	0.01mA	
400mA	0.1mA	

- Overload protection 0.5A/600V fast blow fuse for 400mA.

### Resistance

Ranges	Resolution	Accuracy
40Ω	0.01Ω	±(1.2%rdg+3dgt)
400Ω	0.1Ω	
4kΩ	1Ω	
40kΩ	10Ω	
400kΩ	100Ω	
4MΩ	1kΩ	±(2.0%rdg+4dgt)
40MΩ	10kΩ	
200MΩ	100kΩ	±(2.3%rdg+4dgt)

# SEW

### Capacitance

Ranges	Resolution	Accuracy
4nF	1pF	±(3%rdg+10dgt)
40nF	10pF	
400nF	100pF	
4μF	1nF	
40μF	10nF	
400μF	100nF	
4mF	1μF	
40mF	10μF	

### Frequency

Ranges	Resolution	Accuracy
400Hz	0.1Hz	±(0.5%rdg+2dgt)
4kHz	1Hz	
40kHz	10Hz	
400kHz	100Hz	
4MHz	1kHz	
40MHz	10kHz	

### Continuity

Range	Audible threshold
400Ω	Less than 30 Ω

### Diode

Range	Accuracy
2V	±(1.5%rdg+3dgt)

### Phase Rotation

Input voltage	80~750VAC
Frequency range	40~80Hz
Circuit structure	All electronic (not mechanical)

### General

Dimensions	188(L) × 90(W) × 54(D)mm
Weight (battery included)	Approx. 346g
Power source	1.5V (AAA) × 2
Safety standard	EN 61010-1 CAT III 600V EN 61326-1
Accessories	Instruction manual Test leads Batteries

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