



Model H3000 MPR

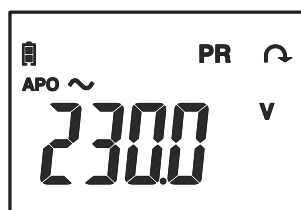
Digital Multimeter & Phase Rotation Tester



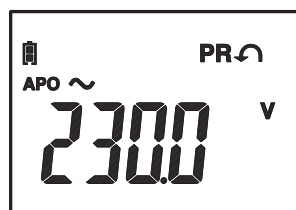
Features

- 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 μ 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)



Model H3000 MPR

Digital Multimeter & Phase Rotation Tester

Specifications

DC Voltage (Input impedance : 10MΩ)

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

DC mA / μA

(Overload Protection 0.5A/600V fast blow fuse for 400mA)

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

Resistance

Ranges	Resolution	Accuracy
40Ω	0.01 Ω	
400Ω	0.1Ω	
4kΩ	1Ω	
40kΩ	10Ω	±(1.2%rdg+3dgt)
400kΩ	100Ω	
4MΩ	1kΩ	
40MΩ	10kΩ	±(2%rdg+4dgt)
200MΩ	100kΩ	±(2.3%rdg+4dgt)

Frequency

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

General

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

AC Voltage (Input impedance : 10MΩ)

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

AC mA / μA

(Overload Protection 0.5A/600V fast blow fuse for 400mA)

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

Capacitance

Ranges	Resolution	Accuracy
4 nF	1 pF	
40 nF	10 pF	
400 nF	100 pF	
4 μF	1 nF	±(3.0%rdg+10dgt)
40 μF	10 nF	
400 μF	100 nF	
4 mF	1 μF	
40 mF	10 μF	

Diode

Ranges	Accuracy
2V	±(1.5%rdg+3dgt)

Phase Rotation

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

Continuity

Ranges	Audible threshold
400.0Ω	Less than 30Ω