

Insulation Tester/Multimeter With Wireless PC Interface



HMM-MG300



- ✓ **Wireless USB Interface**
Transmits Measurement
Data to a PC
- ✓ **Backlit Super Large**
Triple Display
- ✓ **125V, 250V, 500V, and**
1000V Test Voltages
- ✓ **Insulation Resistance from**
0.001 to 4000M Ω
- ✓ **Auto Discharge of**
Capacitive Voltage
- ✓ **Lock Power on Function**
for Hands-Free Operation
- ✓ **Data Hold to Freeze**
Displayed Reading
- ✓ **Min/Max and Relative Mode**
- ✓ **Auto Power Off**
- ✓ **Waterproof (IP67) Rugged**
Double-Molded Design

The HMM-MG300 combines a 1000V insulation tester with a full-featured true RMS multimeter in a single, compact instrument. The HMM-MG300 wireless frequency (914 MHz) is suitable for use in US, Canada and Mexico. It is an ideal instrument that can be used in testing insulation of electric machines, measure the insulation resistance of transformer windings, cables, electronic equipments, electric facilities, and more.



Continuous data streaming to your PC in real time!



HMM-MG300
shown actual size.



Measure the insulation resistance of transformer windings



Only a True RMS meter can give accurate readings of distorted waveforms.

Specifications

Insulation Tester	Range	Resolution	Accuracy
Insulation Resistance	4M Ω , 40M Ω , 400M Ω , 4000M Ω	0.001M Ω	$\pm 3\%$
Insulation Test Voltages	125V, 250V, 500V, 1000V	—	—
Multimeter			
AC Voltage	1000V	0.1 mV	$\pm 1\%$
DC Voltage	1000V	0.01 mV	$\pm 0.06\%$
AC Current	10A	0.1 μ A	$\pm 1.5\%$
DC Current	10A	0.01 μ A	$\pm 1.0\%$
Resistance	40M Ω	0.01 Ω	$\pm 0.3\%$
Capacitance	40 mF	0.001 nF	$\pm 3.5\%$
Frequency	100 MHz	0.001 HZ	$\pm 0.1\%$
Duty Cycle	0.1 to 99.9%	0.01	$\pm 1.2\%$
Temperature	-50 to 1200°C (-58 to 2192°F)	0.1°C (0.1°F)	$\pm 1\% + 2.5^\circ\text{C} (\pm 1\% + 4.5^\circ\text{F})$
4-20mA%	-25 to 125%	0.01%	—
Continuity/Diode	Yes	—	—
Power Source	6 x "AA" batteries (included)	—	—
Dimensions	200 x 92 x 50 mm (7.8 x 3.6 x 1.9")	—	—
Weight	582 g (20.5 oz)	—	—

To Order

Model No.	Description
HHM-MG300	Insulation tester/true RMS multimeter with wireless PC interface (915 MHz)

Comes complete with remote receiver with USB cable, Windows® compatible software, test leads with alligator clips, Type K bead wire temperature probe with adaptor, carrying case, 6 x "AA" batteries and operator's manual.

Ordering Example: HHM-MG3000, insulation tester/true RMS multimeter with wireless PC interface (915 MHz).