

POWER METER BM9945

APPLICATION:

- Power Consumption Test for household appliance
- Power consumption test for the air-condition
- Power consumption for light products
- power consumption test for LED lamps
- Test for electrical machine and motor
- Test for chargers and switching power supply



FEATURES:

- Can test for AC Signals, DC Signal
- LED Digital screen Display: Voltage, Current, Power, Power Factor / Frequency
- All measurements are true RMS Trms
- Auto Ranging
- Accuracy: 0.5
- On the outside with a high noise immunity
- Support data lock
- On the current and power limit alarm, especially for a large number of test production line
- For the production line test: Lighting Products, Home Appliances, Electrical Products, Power Products and other

SPECIFICATION:

BASIC FUNCTION	RANGE
Wiring	Simplex
Display	LED Digital screen
Measurement items	Voltage V, current A, active power W, power factor PF, frequency Hz
Measurement form	True RMS
Voltage range	5V ~ 600V AC / DC (range automatic switching)
	Peak voltage: 700V AC / DC
	Minimum test voltage 5V AC / DC (less than 5V can be customized)
Current range	10mA ~ 20A AC / DC (automatic range switching)
	Peak current: 26A AC / DC
	Minimum test current 10mA AC / DC (less than 10mA can be customized)
Power range	0.1W-12kW
Power Factor Range	0.001 to 1.000 Note: For DC models, the power factor PF displays 1.000
	Calculation method: Watts (W) ÷ [Voltage (V) × Current (A)] = Power factor (PF)
Frequency Range	45-65Hz Note: DC signal, the frequency is not displayed
Basic Accuracy	± (0.4% of reading + 0.1% of range + 1 word)
Measure the Speed	5 times / second

Input Resistance	1m ω (all voltage files)
Power Supply	85 to 265 V AC 50/60 Hz, 85 to 265 V DC
Volume and Weight	355 mm long 223 mm wide 112 mm high, \approx 1.7 kg
Communication Interface	Optional RS232 or 485, Relay output
Accessories	Power cord, Manual

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