

POWER METER BM9945



Areas OF 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 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

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 DC models, the power factor PF displays 1.000
	Calculation method: $Watts (W) \div [Voltage (V) \times Current (A)] = Power\ factor (PF)$
Frequency Range	45-65Hz Note: DC DC signal, the frequency is not displayed
Basic Accuracy	$\pm (0.4\% \text{ of reading} + 0.1\% \text{ of range} + 1 \text{ word})$
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, ≈ 1.7 kg
Communication Interface	Optional RS232 or 485 , Relay output
Accessories	Power cord, Manual