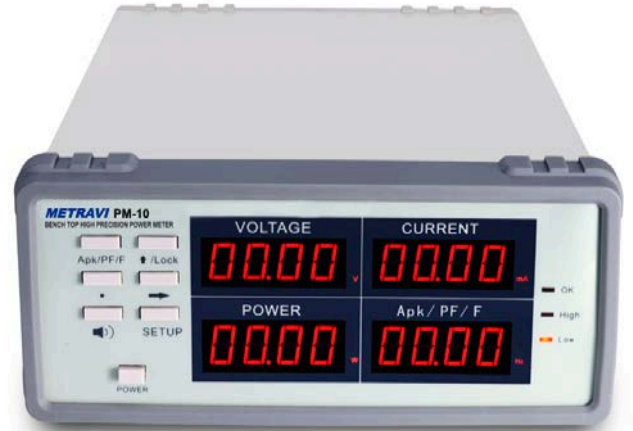


The Metravi PM-10/10B Digital Power Meter is a multi functional measurement instrument integrating Voltage test, Current test, Power test and Power Factor test.

As an intelligent electronic instrument, it adopts a high-speed processor inside and is widely applied in the production line, lab and quality control department of manufacturing enterprises in fields like lighting, electrical appliance, power tools, domestic appliances, electrical machinery and electric heaters.

FEATURES

- Digital display and visual readings.
- The four windows display the true-value Voltage, true-value Current, Peak Current, Power, Power Factor and Frequency simultaneously, enabling fast testing.
- Automatic switching for Voltage and Current ranges improves the measurement accuracy.
- Measurement accuracy is not influenced by the wave shape.
- High reliability and long service time.
- Features upper and lower limit settings for all parameters, and alarm function. Batch inspection is enabled to improve efficiency.
- RS-232 communication interface (optional in PM-10)
- Sound & Light Alarms available
- Automatic switch range
- Key Lock



Measuring range and Intrinsic Error

PM-10

Measurement Item	Measurement Range	Intrinsic Error
True-value of Voltage	1.00V - 300.0V (automatic range)	± (0.4% reading+0.1% range+3 words)
True-value of Current	0.1mA - 3000 mA (automatic range)	± (0.4% reading+0.1% range+3 words)
Peak Current	1mA - 3500 mA (automatic range)	± (0.491 reading+0.1% range+3 words)
Power	0.01W - 900W	± (0.4% reading+0.1% range+3 words)
Power Factor	0.000 - 1.000	± (0.004 +0.001/reading+3 words)
Frequency	16Hz - 650Hz	± 0.5Hz

*Technical Specifications & Appearance are subject to change without prior notice

Measuring range and Intrinsic Error

PM-10B

Measurement Item	Measurement Range	Intrinsic Error
True-value of Voltage	1.00V - 300.0V (automatic range)	± (0.4% reading+0.1% range+3 words)
True-value of Current	0.001A - 10 A (automatic range)	± (0.4% reading+0.1% range+3 words)
Peak Current	0.001 A - 12 A (automatic range)	± (0.4% reading+0.1% range+3 words)
Power	0.01W - 3000W	± (0.4% reading+0.1% range+3 words)
Power Factor	0.000 - 1.000	± (0.004 +0.001/reading +3 words)
Frequency	16Hz - 650Hz	± 0.5Hz

Power supply requirements of Instrument

- Voltage of Power Supply : 220V±10%
- Power Frequency : 45Hz~65Hz
- Maximum Power : 15VA
- External dimensions : W × H × D
=220mm×100mm×365mm (10B: W × H × D =220mm×100mm×300mm)
- Instrument Weight : about 2.5kg



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