HF-MT-504

Three Phase Power Meter



Three Phase Power Meter is a high-precision multi-functional testing instrument. It accurately measures three-phase voltage, current, power, energy and other electrical parameters, ideal for power system commissioning, load analysis and on-site power quality inspection tasks.

Key features

- Household Appliances: TV sets, refrigerators, air-conditioners, washing machines, electric blankets, chargers
- Power Tools: Electric drills, plasma cutters, grinders, polishers, electric welders, etc.
- Lighting Equipment: Street lamps, stage lights, hand lamps and various lamps
- Power Supplies: Switch-mode power supplies, AC power supplies, DC regulated power supplies, variable-frequency power supplies, communication power supplies, power components
- Transformers: Power transformers, audio transformers, pulse transformers, switch-mode power transformers

Technical specifications

Parameter	Value
Voltage Range	0 ~ 600 V
Current Range	0 ~ 40 A
Power (P)	Single-phase: 0-24 kW; Three-phase: 0-41.5 kW
Power Factor (PF)	-1.000 ~ +1.000
Test Frequency	45 Hz ~ 65 Hz
Accumulated Energy Range	0 ~ 1000 kWh
Communication	RS232 (Optional)
Measurement Speed	2 times / second
Basic Accuracy	±0.4% reading ±0.1% range ±1 digit
Operating Environment	0 °C ~ 40 °C, 20RH ~ 85RH
Power Supply	AC220V±20%, 50/60Hz
Dimensions	305×235×120 mm
Weight	3 kg
Accessories	Power cord, upper-computer software

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.

Specifications are taken from the published product data and are subject to change without notice. Confirm critical parameters at the time of order.