

# Portable Electricity Meter Tester

This portable equipment provides on-site testing and calibration of electricity meters. It features a three-phase power source and multiple testing modes for various meter types and standards.



## Product Overview

### Professional Meter Testing Solution

This portable three-phase energy meter testing device provides a high-stability, program-controlled solution for testing electronic and electro-mechanical single-phase or three-phase energy meters. Designed for versatility, it allows for both manual keyboard operation and PC-based automated control, making it ideal for product development, maintenance, and production line environments. The system delivers comprehensive electrical data including voltage, current, power factor, and harmonic analysis with high measurement accuracy and long-term stability.

## Performance Metrics

### Accuracy Class

**0.1 class**

Standard Accuracy

**0.05 class**

High Accuracy

### Output Power Stability

0.05 %

## Electrical Output

### Voltage and Current Ranges

Parameter	Range
Voltage Output	57.7V / 63.5V / 220V / 240V (480V option)
Current Output	0.1A / 1A / 5A / 20A / 100A
Voltage Load Capacity	Max 50VA
Current Load Capacity	Max 100VA

## Adjustment Capabilities

### Adjustment Fineness Levels

- 10%
- 1%
- 0.1%
- 0.01%

### Phase Adjustment Range

0° to 359.99°

## General Specifications

Harmonic Waves Supported	31 waves
Power Supply Requirements	Single-phase AC 220V/240V (100V/110V applicable), 50/60Hz
Max Input Power Consumption	500 W