

THREE-PHASE ENERGY METER CURRENT ISOLATED TEST BENCH

- ▶ Current is isolated by 1:1 between meters
- ▶ Equipped with digital reference energy meter with high precision and wide range.
- ▶ Define basic current, rated current at random
- ▶ Automatic alarming against voltage short circuit or current open-circuit.
- ▶ Automatic color mottle acquisition, automatic starting&creeping.
- ▶ Set report form and certificate form at random.
- ▶ Measurement of ambient temperature and humidity
- ▶ Measurement of power consumption.



Three-phase meter current isolated test equipment is a new-generation high precision type, applicable to test of both single-phase meter and three-phase meter. Adopting advanced technology, its design meets national standards. The equipment is of duralumin configuration, with digital control single source, PWM power amplifier, reference meter with high accuracy, error processing system and automatic calibration software. With PMW modulation power amplifier, this kind of test equipment offers the features of large power, high reliability and high cost performance, as an ideal product for meter manufacturers. New digital synthetical sine signal source provides various functions and high stability. With modularized design, the equipment is good for customization and functional expansion.

Technical specification

Accuracy	class 0.1
Output current	0.1A~100A. 0.1A、0.5A、1A、2.5A、5A、10A、20A、60A、100A
Output voltage	57.7V、100V、220V、380V
Adjustment range	0~120% Resolution: 0.01% (for voltage and current)
Phase shift range	0~365.9°, resolving power: 0.1°
Frequency	45.00~65.00Hz Resolution: 0.01Hz
Stability of output	Less than 0.05% (voltage, current and power)
Waveform distortion	less than 0.5% (output voltage / current)
Power supply	33×220V±10% AC 50 Hz or 1×220V AC 50 Hz

