

# CL3121

## THREE PHASE PORTABLE METER TEST EQUIPMENT



### Application

Mainly applied in the meter testing centers of electricity utilities, authoritative energy measurement labs, kWh meter manufacturer, authoritative centers for energy meter calibration, and electricity engineering companies.

### Features

- 6.4"、640×480 dot, 16 color LCD, English interface.
- Lithium battery, continuous working time over 5 hours.
- Able to test two meters at the same time or test active and reactive energy of one meter;
- Clamp-on testing: able to be equipped with four sets of clamps at the same time: 5A, 100A, 500A, 1000A; also able to test directly with high accuracy via accessories.
- Able to measure CT ratio error/angle error directly.
- Input jack of bar-code reader; Software automatic calibration.
- USB and PCMCIA interfaces, 10,000 meters testing result memory, and able to be transferred to CLOU administration software.
- Portable and light type.

### Functions

- Measure voltage/current/frequency/phase/power factor/active power/reactive power/appearance power of 3-phase
- 3-wire or 3-phase 4-wire.
- Measure harmonic content and waveform distortion from 2nd to 63rd.
- Display wave shape for each phase at real time.
- Able to test the single phase and three phase meter for both active and reactive.
- Display vector diagram in order to facilitate wire-checking; with auto connection recognition software; able to recognize
- Various connection circuit of 3-phase 3-wire or 3-phase 4-wire either through CT or direct testing; report the result of connection recognition and the coefficient of deviation.