

Primary Current Injection Test Set

General information about ADPA-5000A Primary Current Injection Test Set

Picture only for reference first

ADPA-5000A series Primary Injection Test Set, is the ideal equipment for testing high-current device in the power and electric industry, used in power plants, power distribution stations, electrical manufacturing and research institutes, with the features of small size, light weight, easy use and maintenance.

Features

- 7inch color LCD screen, with PLC automation control.
- Display turns ratio as well as time, voltage and current
- 2channel binary input(passive input is required)
- Polarity and phase angle measurement.
- Timing after current is increased to setting value, calculate open and close time.
- Timing after AC or DC voltage input, calculate open and close time
- With USB port to upload data to USB disk.
- With anti-interference ability, suitable for electromagnetic environment
- With wheels for both control unit and HV unit, easy to move.



Specification of the device:

Primary current injection testing and breaker testing

- Power supply: Single phase AC 380V, 50Hz
- Input current: 37.5A
- Rated capacity: 15Kva
- Rated Output current: Single phase, 0-5000A.
- Output Voltage: series 0-5V, parallel 0-2.5V
- Accuracy of output current: 1% of the range \pm 2digits.
- Current output time: max. 2s.

Other channel of voltage output, for testing protection relay etc..

- Output voltage: 250V/5A \pm 10%AC, 250VDC/0.5A \pm 10%
- Input voltage: 0-200V AC (1.0% of the reading +0.5% of the range)
- Input current: 0-6AAC (1.0% of the reading+0.5% of the range)

Turns Ratio Measurement

- Test range: 1:1-5000:1
- Accuracy: 1%of the reading+0.5% of the range
- Phase angle range: 1-359°, error: 2% of the reading+0.5% of the range
- Timing: 0.000s-999.9s.

