

PRS 400.3

Three-phase Portable Reference Standard Class 0.02



The PRS 400.3 is a high accuracy reference standard for the comprehensive investigation of all components of a modern metering installation. Characteristic features are its wide measuring range, the high accuracy and the small dependence of disturbing.

Advantages of the PRS 400.3

- Simultaneous testing of up to three meters or registers of a multi-functional meter
- Current- and voltage ranges:
1 mA ... 120 A / 5 V ... 520 V / 45 Hz ... 70 Hz
- Six current inputs allow simultaneous measurements of both primary and secondary currents in CT-connected metering systems
- Using several clip-on CT's at the range of 100 A up to 3000 A or hot sticks for measurement on high voltage potential
- Internal memory for measurement results and customer data
- Integrated RS 232 C interface for data transfer and programme control via external PC
- The Portable Control Module PCS 400.3 can be removed and the reference standard is controlled in this case via blue-tooth

Functions

- Active, reactive and apparent power measurement in three-wire or four-wire circuits with integrated error measurement and pulse output for energy
- Vector diagram, harmonics spectrum, wave form and rotary field display for analysis of the mains conditions
- Burden measurement and ratio test of current- and voltage transformers
- Measuring of current, voltage and power transducers

Options

- Software CAMCAL for Windows or CALSOFT
- Error compensated clip-on CT's up to 100 A
- Clip-on CT's up to 1000 A
- Flexible current transformers LEMflex up to 3000 A
- Scanning head SH 2003 with clamp on device SCD 2003