

## PTS 2.1

Single-phase test system with class 0.2 reference standard and integrated single-phase current source



The PTS 2.1 portable test system consists of an integrated single-phase current source and a single-phase electronic reference standard of accuracy class 0.2. Characteristic features of the PTS 2.1 are its wide measuring range, high accuracy and high tolerance to unwanted external influences.

The PTS 2.1 allows the monitoring of meter installations as well as analysis of the local mains conditions.

### Advantages

- Easy verification of meters under precise load conditions, using the built-in, compact, current source
- Automatic operation using predefined load points without the need for an external PC
- Internal memory for storage of measurement results and customer data
- Displays of vector diagram for analysis of the supply conditions
- User-friendly system for data input and operation of source and reference meter
- The system may be used either as a stand-alone reference standard meter, or together with the integrated power source

### Functions

- Independent generation of single-phase current loading conditions for verification of meters using the incoming supply voltage
- Active, reactive and apparent energy measurement with integrated error calculator and pulse output
- Voltage measurement
- Current measurement directly or with clip-on CT's
- Active, reactive and apparent power measurement
- Phase angle, power factor and frequency measurement

### Uses

- On site meter measurements
- Verification of energy registration
- Verification of the circuit load conditions

### Options

- Software CALSOFT
- Error compensated clip-on CT up to 100A