

3 PHASE METER - TRANSFORMER TESTING

Three Phase Meter (with A2000 / AM2000)

This is a comprehensive instrument for measurement and monitoring of power systems. It stands out by the display quality and intuitive operation. The device provides a wide functionality, which can be extended further by means of optional components. The connection of the process environment may be performed via communication interfaces or by using digital I/Os or analog outputs.

Application

Harmonic analysis

Harmonic distortion THD V/I & TDD I-
Individual harmonics V/I up to 50th

Evaluation of thermal load of resources
Analysis of system

Extended reactive power analysis

Reactive power, fundamental & harmonic
 $\cos\phi$, $\tan\phi$ of the fundamental

Reactive power compensation

System imbalance

Symmetrical components

Protection of resources

Imbalance - symmetrical components Earth-fault detection

Deviation from V/I average

Energy consumption

HT / LT

Internal billing

Active / reactive power mean-values

Energy efficiency check

Free definable mean-values

Load analysis for energy management

Mean-values trend

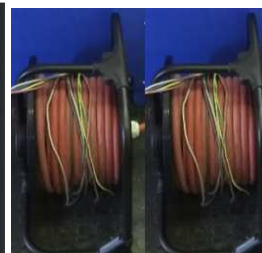
Trend analysis for load management

Specification

- Power supply
Nominal voltage 110 ... 230 V AC, 130 ... 230 V DC
Nominal voltage 24 ... 48 V DC
Nominal voltage 110 ... 200 V AC, 110 ... 200 V DC
- 4. Bus interface
Without
RS485 (Modbus/RTU)

Included

- Interface converter USB <> RS485
- 2 x Cable Reels and Crock Clips



(Product might vary slightly from the picture above)