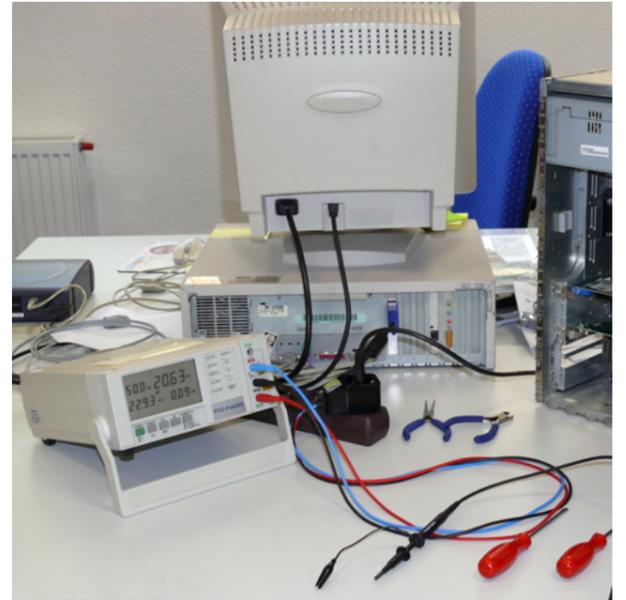


Phase Power Meter PCE-PA6000 (1-)



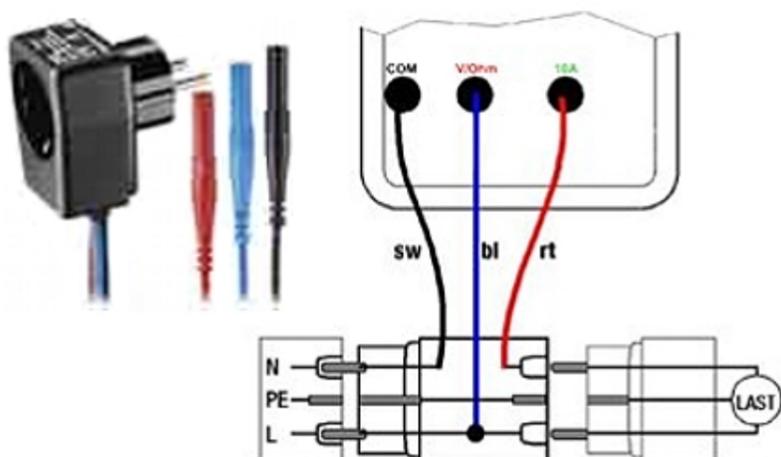
1-Phase Power Meter PCE-PA6000 with RS-232 interface and software to analyse power consumption

The PCE-PA6000 ammeter is a tabletop device for measuring effective power, apparent power, power factor, energy consumption, current, continuous voltage, resistance and frequency. The power meter also offers the possibility to connect industrial current converters with a transmission relation of 100/5A or 1000/5A. Its large 93 x 52mm LCD is easy to read and provides a variety of results, including Watts, $\cos\phi$, ACV and ACA. With the optional PCE-PA ADP current adaptor with ground wire (up to 16ACA) it can safely and quickly measure and analyse with the help of the ammeter.

Measurement of current and power can be done directly with test cables that come with the device or indirectly using the clamps. The device has an RS-232 interface, and software* to analyse results and transfer data to a computer. This makes it the ideal device for any workshop or for measuring power to determine faults in devices.

*Soft-lut-usb software is available in the accessories tab

- ▶ Multimeter function
- ▶ Measurement of direct current connecting a sensor head or current clamp
- ▶ Measures effective and apparent power
- ▶ Measures power factor
- ▶ Measures energy consumption (kWh)
- ▶ Data hold / Peak hold
- ▶ Function Hold / Alarm function High / Low
- ▶ Interface RS-232
- ▶ Powered by mains adaptor or batteries
- ▶ Safety standards: IEC-1010-1; CAT II 600V



Subject to change

Specifications

Function	Measurement range; Accuracy; Resolution
Measurement of real power (AC, real value of power), direct measurement	1W ... 6 kW; 1 W; $\pm 1,5\%$ + 1 dgt.
Measurement of real power (AC, real value of power), with adaptor ext. or current converter	1 W ... 999,9 kW; 1 W; $\pm 1,5\%$ + 1 dgt.
Measurement of apparent power (AC)	0.01VA to 9.999kVA; 0.01VA; $\pm 1.5\%$ +1 digit
Power factor (cos φ)	0.00 to 1.00; 0.01; $\pm 1.5\%$ +2 digit
KWh counter	0.001Wh to 9,999kWh; 0.001Wh; $\pm 1\%$ +1 digit
ACV /DCV	0.1V to 600V; 0.1 / 1V; $\pm 1\%$ +1 digit
ACA eff/rms	direct maximum 10A; 10mA, with
DCA eff/rms	induction head max. 1,000A; 1A; $\pm 1\%$ +1 digit
ACA with clamps	upto 2,000A (depending on clamps)
Frequency	10.0 to 999Hz; 0.1Hz; 1% +1 digit
Ohms	1 Ω to 19.99k Ω ; 1 / 10 Ω ; $\pm 1\%$ +1 digit
Display	93x 52mm multi functional LCD
Operating conditions	max. 80% r.h. / 0 to 50°C / 32 to 122°F
Power	6AA batteries or mains adaptor
Dimensions	280 x 210 x 90 mm / 11 x 8.2 x 3.5 in
Weight	1,600 g / 56.4 oz

More information

Manual



More product info



Similar products



Subject to change