AC/DC clamp meters

PAN 1000AD

PROFI

Digital clamp meter 1000 A AC / DC True RMS + inrush current, LoZ, VFC, non-contact voltage tester and phase tester

- Digital display 13 mm
- **Backlit digital display with analogue bargraph**
- **Display backlight**
- **Colour display**
- **True RMS measurement**
- **2-stage contactless voltage testing (NCV)**
- **Single-pole phase test with acoustic alarm**
- **Automatic and manual range selection**
- Data hold
- **Min./max. memory**
- **Inrush current measurement**
- **Low input impedance (LoZ) for suppressing stray voltages**
- Diode test
- Relative value measurement
- **LED torch**
- VFD function for measuring true RMS frequency inverters
- Automatic switch-off

Scope of delivery: Case, Test leads, Type K temperature sensor -40°C ~ 250°C, Operating instructions



Application Benefits at a Glance:

- Suitable for high AC and DC currents in industrial applications, photovoltaic systems, battery systems and e-mobility.
- Detects starting problems in motors and pumps by capturing brief inrush-current peaks.
- LoZ prevents misinterpretation caused by coupled ghost voltages; VFD enables measurements on variable-frequency drives.

Technical Data	PAN 1000AD
DC voltage DC (V =)	0,1 mV - 1000 V
AC voltage AC (V ~)	0,1 mV - 750 V
DC current DC (A =)	0,01 A - 1000 A
AC current AC (A ~)	0,01 A - 1000 A
Resistance (Ω)	0,1 Ω - 60 MΩ
Audible continuity tester •)))	< 30 Ω
Frequency (Hz)	0,001 Hz - 10 MHz
Duty cycle in % (PWM)	1 - 99 %
Capacitance (F)	0,001 nF - 10 mF
Temperature (°C) (type K probe)	-20 °C - +1000 °C
Ambient temperature (°C)	0 °C - 40 °C
Clamp opening ⌀	40 mm
Instrument dimensions	259 x 74 x 35 mm
Weight (gross / net)	433 / 265 g
Required battery(ies):	3 x 1,5V AAA
Measurement category (CAT)	CAT III 1000 V / CAT IV 600 V
Accuracy (%)	0,5 % - 5 %





PAN 1000AD Video DE:

PAN 1000AD Video EN: