# Professional digital multimeters True RMS

## PAN 186 PROFI

**Digital multimeter True RMS CAT III 1000 V with automatic range selection and non-contact voltage detection**

- **Single-pole phase test with acoustic alarm**
- **Display backlight**
- Digital display 27 mm
- **True RMS measurement**
- **3-stage contactless voltage testing (NCV)**
- Automatic range selection
- Data hold
- **LED torch**
- Automatic switch-off

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




### Application Benefits at a Glance:

- Suitable for frequently changing measurement tasks because the correct measurement range does not need to be estimated in advance.
- The large display, test-lead holder and flashlight make work directly in distribution boards and systems easier.
- Electrical values and temperatures can be checked with one device during a service visit.

| Technical Data | PAN 186 |
|---|---|
| DC voltage DC (V =) | 0,1 mV - 1000 V |
| AC voltage AC (V ~) | 0,1 mV - 750 V |
| DC current DC (A =) | 0,1 µA - 10 A |
| AC current AC (A ~) | 0,1 µA - 10 A |
| Resistance (Ω) | 0,1 Ω - 60 MΩ |
| Audible continuity tester •))) | < 40 Ω |
| Frequency (Hz) | 0,001 Hz - 10 MHz |
| Duty cycle in % (PWM) | 1 - 99 % |
| Capacitance (F) | 1 pF - 100 mF |
| Temperature (°C) (type K probe) | -20 °C - +1000 °C |
| Ambient temperature (°C) | 0 °C - 40 °C |
| Instrument dimensions | 194 x 90 x 56 mm |
| Weight (gross / net) | 639 / 344 g |
| Required battery(ies): | 4 x 1,5 V AA |
| Measurement category (CAT) | CAT III 1000 V / CAT IV 600 V |
| Accuracy (%) | 0,5 % - 5 % |





**PAN 186** Video DE:

**PAN 186** Video EN: