

FLUKE®

Current and voltage tester, Type: T6-1000PRO**Order data**

Order number	473215 T6-1000PRO
GTIN	095969921138
Item class	47H

Description**Version:**

Open current clamp for **contactless measurement of voltage**, current and frequency, without measurement leads that create contact with live points. Exchangeable test prods. For measuring conductor cross-sections up to 120 mm². Easy-to-read display with back lighting.

- **Save time by measuring voltage and current at the same time.**
- **Visual Continuity™ – the screen automatically turns green during continuity checks. Work safely in noisy manufacturing environments.**

Description:**Displays voltage and current values on a screen**

The T6-1000 PRO electrical tester measures voltage up to 1000 V AC and current up to 200 A AC using the open current clamp without measurement cable contact. Ground the black measurement cable using the supplied resistant crocodile clip, place the measurement cable into the open fork and see the voltage and current at the same time. Suitable for cables up to 120 mm² with up to 200 A and 1000 V AC current flowing through them. Operation is also possible with gloves. The FLUKE T6-1000 PRO electric tester will change the way you work.

Other measurement functions:

- **1 to 1000 V AC or DC**
- **AC current measurement from 0.1 to 200 A**
- **Resistance measurement 1 Ω to 100 kΩ**

- **Frequency measurement 45 Hz to 66 Hz via the open current clamp**
- **works with most cable diameters up to cross-section 120 mm² (clamp opening 17.8 mm)**
- **HOLD button briefly freezes the measured value on the screen, making reading easier**
- **Easy-to-read display with back lighting**
- **TPAK measuring device magnetic holder for convenient hands-free operation**
- **two-year warranty, can be extended to four years by registering the product within 45 days of purchase***

* Register the product online within 45 days of purchase if you wish to extend the warranty period to four years. For details, see <https://forms.fluke.com/registration-country-select>.

Function:

AC voltage measurement with FieldSense:

Requires measurement cables: No

Measuring range: 1000 V

Resolution: 1 V

Accuracy: $\pm(3\% + 3 \text{ counter values})$, 45 Hz – 66 Hz

AC current measurement with FieldSense:

Requires measurement cables: No

Measuring range: 200.0 A

Resolution: 0.1 A

Accuracy: $\pm(3\% + 3 \text{ counter values})$, 45 Hz – 66 Hz

Frequency measurement via FieldSense (Hz):

Requires measurement cables: No

Measuring range: 45 to 66 Hz

Resolution: 1 Hz

Accuracy: $\pm(1\% + 2 \text{ counter values})$

AC voltage:

Requires measurement cables: Yes

Measuring range: 1000 V

Resolution: 1 V

Accuracy: $\pm(1.5\% + 2 \text{ counter values})$, 45 Hz – 66 Hz

DC voltage:

Requires measurement cables: Yes

Measuring range: 1000 V

Resolution: 1 V

Accuracy: $\pm(1\% + 2 \text{ counter values})$

Resistance measurement:

Requires measurement cables (all measuring ranges): Yes

Measuring range: 2000 Ω

Resolution: 1 Ω

Measuring range: 20.00 k Ω

Resolution: 0.01 k Ω

Measuring range: 100.0 k Ω

Resolution: 0.1 k Ω

Accuracy (all measuring ranges): $\pm(1\% + 2 \text{ counter values})$

General technical data:

Calibration: Calibration cycle: 1 year

Dimensions: 61 mm x 259 mm x 43 mm

Weight: 0.35 kg

Fork aperture: 17.8 mm

Operating temperature: -10°C to +50°C

Storage temperature: -30°C to +60°C

Operation height above sea level: 2000 m

Storage height above sea level: 10000 m

Relative humidity: 0% to 90%, 5°C to 30°C; 0% to 75% at 30°C to 40°C; 0% to 45% at 40°C to 50°C

Battery type: 2 pcs. AA (IEC LR6)

Battery working life: 360 hours continuous operation, 200 hours (typical) when using FieldSense

Temperature coefficient: 0.1× (specified accuracy)/°C at <18°C or >28°C

Safety, general: according to IEC 61010-1: Contamination level 2

Safety measurement T6-1000 PRO: IEC 61010-2-032: CAT IV 600 V, CAT III 1000 V

Electromagnetic compatibility (EMC): IEC/EN 61326-1: Portable devices

Application:

For professional voltage and polarity testing, and for current measurement. Suitable for working on electrical systems, industrial systems, maintenance and servicing (troubleshooting).

Standard:

IEC / EN 61010-1; IEC / EN 61326; VDE 0843-20-1.

Supplied with:

Supplied with 2 batteries No. 081561 size LR6, connected measurement cables with detachable 4 mm caps to protect the measuring tips.

Technical description

Measurement process	TRUE RMS
Manufacturer's designation	T6-1000 PRO
Power supply	Battery-powered
Display range DC	1 - 1000 V
Data storage key	yes
Display range AC	1 - 1000 V
AC current	0.1 – 200 A
Battery type	AA
Frequency measurement	45 - 66 Hz
Overvoltage category	IEC 61010-2-032: CAT IV 600 V, CAT III 1000 V

Resistance	1 Ω – 100 kΩ
Calibration	I4
Frequency	45 to 66 Hz ±(1% + 2 counter values)
acoustic continuity test	yes
#Article no of the battery / rechargeable battery fitted	081561 LR6
#Number of batteries contained	2
Type of product	Multimeter

Suitable products

No Shop URL available for: 473215 T6-1000PRO