

# Fluke T+ and T+PRO Electrical Testers



## The expert's choice for building diagnostics

These electrical testers have all the advantages of traditional solenoid testers, with none of the typical drawbacks. Use all 3 voltage detection methods – light, sound, and vibration, to work more efficiently in noisy environments, dimly lit areas, or tight spaces. Built-in flashlight, GFCI trip capability, and the legendary ruggedness you expect from Fluke, make these an excellent choice for most residential, commercial, and industrial applications.

The Fluke T+PRO is the choice for the demanding commercial and industrial electrician. This full-featured electrical tester includes voltage and continuity measurement, a Rotary Field Indicator, resistance, and a digital display with 0.1 V resolution.

The Fluke T+ is the basic electrical tester for residential electricians and HVAC technicians, who need a durable, reliable tool for testing voltage and continuity.

## Recommended Accessories



## Added functionality available only on the T+PRO:

- Backlit LCD display for easier viewing
- Display resolution of 0.1 V, ideal for troubleshooting low-voltage lighting
- Resistance (Ohms) to 9.99 kOhms
- Rotary Field Indication
- Display Hold for easier viewing in hard-to-test areas



## Specifications

Temperature	Operating	-10°C to 55°C (14°F to 131°F)
	Storage	-30°C to 60°C (-22°F to 140°F)
Relative Humidity	90%	0°C to 30°C (32°F to 86°F)
	75%	30°C to 40°C (86°F to 104°F)
Altitude	Operating	2,000 m (approx. 6,561.6 ft)
	Storage	10,000 m (approx. 32,808.4 ft)
Battery Type/Life	AAA (2); 40 hours	
Shock, Vibration	Sinusoidal vibration per MIL-PRF-28800F for a Class 2 instrument	
Safety	ISA-82.02.01 (IEC 61010-1 Mod) Second Edition, CAN/CSA-C22.2 No. 61010-1 Second Edition, IEC 61010 - 1 to 1000 V CAT III/600 V CAT IV Compliance to NFPA 70E <sup>1</sup>	
AC Bandwidth	45 Hz to 66 Hz	
Maximum Working Voltage	1000 V AC/DC	
Maximum Measurable Voltage	600 V AC/DC	
Duty Cycle	Indefinitely for voltages up to 240 V	
	For voltages between 240 V and 600 V the duty cycle is 30 s on / 300 s off	
Voltage Hazard LED	For voltages above 240 V the tester must connect to a voltage source only for a MAXIMUM of 30 s and then disconnect for a MINIMUM of 300 s	
	LEDs turn on at voltages > 30 V AC/DC ±35%	
LED Voltage Indication Levels	12 V, 24 V, 48 V, 120 V, 208 V, 240 V, 277 V, 480 V, 600 V	
LEDs	LEDs turn on between 90% and 100% of the indicated voltage on the LED, except for the 12 V LED which turns on between 50% and 100%	
LCD Accuracy	AC voltage	±(3% rdg + 2 digits)
	DC voltage	±(2% rdg + 2 digits)
	Resistance	±(5% rdg + 3 digits)
LCD Resolution	0.1 V for voltages < 50 V, 1 V for voltages ≥ 50 V 0.01 kΩ for resistance measurement	
GFCI Test Current	100 V - 150 V @ 6 mA - 9 mA AC, 150 V - 240 V < 12 mA	
Standard Input Test Current	< 5 mA	
Size (H x W x L)	3.3 x 5.46 x 19.3 cm (1.3 x 2.15 x 7.6 in )	
Weight	0.28 kg (9.9 oz)	

<sup>1</sup> When used properly per Article 110.9 Use of Equipment (A) Test Instruments and Equipment.

## Included Accessories

- Test leads and probes
- Two AAA batteries
- Test lead strap for managing leads

## Optional Accessories

- H3 Belt Holster
- TP2 replacement test probes

## Ordering Information

**FLUKE T+PRO** Electrical Tester

**FLUKE T+** Electrical Tester

**FLUKE T+PRO-IAC KIT** Electrical Tester and AC Voltage Detector Kit

Contact your local distributor for price and availability.  
[fluke.com/wtb](http://fluke.com/wtb)