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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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T+ and T+PRO Electrical Testers

**Safer than traditional solenoid testers
and fully compliant with NFPA 70E¹**

Technical Data

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.



Features and Benefits

- 3 forms of ac/dc voltage detection: light, sound, and vibration for added user protection and convenience
- Detect live voltage even when the battery is dead
- Extra heavy-duty, replaceable test leads for more flexibility and durability
- CAT IV 600 V, CAT III 1000 V rated for added user protection
- Continuity beeper
- Bright LED flashlight for work in poorly lit areas
- GFCI Trip
- On/Off switchable beeper, selectable according to your environment
- Compliant with latest NFPA 70E recommendations¹

(continued on the next page)

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

Features and Benefits contd.

- Replaceable test probes for added flexibility and convenience
- Convenient probe storage on the back
- Probe holder for easier testing
- Hazardous voltage warning light for added user protection
- Test lead strap included for better test lead management
- AC/DC Voltage: 12 V to 600 V on LED bar, 10.2 V to 600 V on LCD (LCD on T+PRO only)
- Auto-off saves battery power
- Two-year warranty

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	0 °C to 30 °C (32 °F to 86 °F): 90 %
	30 °C to 40 °C (86 °F to 104 °F): 75 %
	40 °C to 50 °C (104 °F to 122 °F): 45 %
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 ¹
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
	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

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

Specifications cont.

Voltage hazard LED	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
LED voltage indication levels for Canadian version	12 V, 24 V, 48 V, 120 V, 208 V, 240 V, 347 V, 480 V, 600 V
LEDs	LEDs turn on between 70 % and 85 % of the indicated voltage on the LED, except for the 12 V LED which turns on between 50 % and 100 %
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 (For T+PRO Only)
GFCI Test current	100 V to 200 V at 20 mA to 35 mA for 1 s
Standard input test current	< 5 mA
Size (HxWxL)	3.3 cm x 5.46 cm x 19.3 cm (1.3 in x 2.15 in x 7.6 in)
Weight	0.28 kg (9.9 oz)



Ordering information

T+PRO	Electrical Tester
T+	Electrical Tester
T+PRO-1AC KIT	Electrical Tester and AC Voltage Detector Kit

Ordering information in Canada*

T+PRO CAN	Electrical Tester
T+ CAN	Electrical Tester
T+PRO CAN-1AC KIT	Electrical Tester and AC Voltage Detector Kit

Includes:

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

Optional accessories

- H3 Belt Holster
- TP2 replacement test probes

*For Canadian customers, voltage indication is provided for 347 V

Fluke. *Keeping your world up and running.®*

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