

TECHNICAL DATA

T5-600 Continuity, Current and Voltage Tester



SAFETY RATING
CAT III 600 V

WARRANTY
Two years

POWERFUL, EASY-TO-USE

- Auto-selects between AC and DC voltage
- Suitable for residential or commercial applications
- Test leads accept Fluke accessory test clips

Electrical tester with OpenJaw™ current

The Fluke T5 Electrical Testers let you check voltage, continuity and current with one compact tool. With the T5, all you have to do is select volts, ohms, or current and the tester does the rest. Open-Jaw current lets you check current up to 100 A—without breaking the circuit. Its tough test leads stow neatly in the back of the tester, making it easy to carry the T5 in your tool bag. Detachable Slim-Reach™ test probes are customized for electrical standards. The test leads accept optional accessories such as clips and specialty probes. The optional H5 holster lets you clip the T5 onto your belt.

Features

- Automatically measures volts ac and volts dc with precise digital resolution
- Displays resistance to 1000 Ω
- Easy and accurate OpenJaw™ current measurement
- Continuity beeper
- Compact design with neat probe storage
- Rugged enough to withstand a 3-meter drop
- Detachable SlimReach™ probe tips are customized for national electrical standards
- Test leads accept Fluke accessory test clips
- Measurement category: CAT III 600 V
- Stay connected much longer than solenoid type tester
- Auto off mode to conserve battery life
- Optional holster attaches to a belt and neatly stows test leads

Specifications

Features	
AC current	Yes
AC voltage	Yes
Resistance	Yes
Continuity	Yes
DC volts	Yes
Display hold	Yes
Auto off	Yes
General specifications	
Jaw opening	12.9 mm (0.5 in)
Max wire size	1/0 THHN Cable
Current range ac rms	0 to 100.0 A
Accuracy ac current (50/60 Hz)	3 % $\pm$ 3 counts
AC Response	Averaging
Voltage range ac	0 to 600 V
Accuracy ac voltage	1.5 % $\pm$ 2 counts
Voltage range dc	0 to 600 V
Accuracy dc voltage	1 % $\pm$ 1 count
Resistance range	0 to 1000 Ω
Continuity beeper threshold	On at $<25 \Omega$, off at $>400 \Omega$
Volts indicator LED threshold	Guaranteed on by 30 V ac
Size	30.5 mm x 51 mm x 203 mm
Weight	300 g
Warranty	Two-years
Battery life	400 hour
Battery type	Two AA IEC LR6 batteries
Low battery indicator	Yes
Current sensor opening	12.9 mm
Calibration cycle	One-year
Test leads	Type: Heavy duty, flexible leads rated for 1000 V use Field replaceable leads terminate in male shrouded banana plugs Probes: One red, one black Detachable Slim-Reach™ probe tips Styles: TP1 Slim Reach™ Test Probes
Operating temperature	-10 °C to 50 °C
Storage temperature	-30 °C to 60 °C
Humidity (without condensation)	0 % to 95 % (5 °C to 30 °C); 0 % to 75 % (30 °C to 40 °C); 0 % to 45 % (40 °C to 50 °C)
Operating altitude	2000 meters max
Temperature coefficient	0.1 x (specified accuracy)/°C ($<18 \text{ }^{\circ}\text{C}$ or $>28 \text{ }^{\circ}\text{C}$)
Safety	IEC 61010-1: Pollution degree 2 IEC 61010-2-032: CAT IV 600 V IEC 61010-2-033: CAT IV 600 V
Maximum voltage (between any terminal and earth ground)	1000 V
Electromagnetic Compliance	IEC 61326-1: Portable

Ordering information

Fluke T5-1000 Voltage, Continuity and Current Tester

Included

4 mm detachable probes
Instruction sheet
User documentation



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