TECHNICAL DATA

Fluke T5-1000 Voltage, Continuity and Current Tester

Key features

- OpenJaw™ design: measure current without breaking the circuit
- Tester automatically selects AC or DC voltage, up to 1000 V
- Work in tight spaces with detachable Slim Reach probe tips

Product overview: Fluke T5-1000 Voltage, Continuity and Current Tester

Measure current up to 100 A without breaking the circuit with OpenJaw™ design. The T5-1000 Electrical Tester is a versatile troubleshooting tool to carry to every job site. Use it to check voltage, continuity, and current–all with one compact tool.

How to use the T5-1000

Just select volts, ohms, or current and the tester does the rest. The electrical tester auto-selects between AC and DC voltage up to 1000 V.

Plus, the OpenJaw™ design allows for fast and easy current measurements without needing to make metallic contact, just slide a wire into the open fork. The continuity beeper offers a quick go/no-go tests, resistance measurements to 1000 Ω.

The electrical tester comes with detachable Slim Reach probe tips so you can easily work in tight spaces. Or hand free work when you use the test lead holder to make the meter an “extended handle” for the probe.

Key safety features

An integrated protection circuit allows the tester to stay connected to a voltage source longer than a solenoid tester. The T5-1000 Electrical Tester also boasts:

A CAT III 1000V, CAT IV 600 V rating

Withstands a 10 ft. (3 m) drop.

The T5-1000 has and Auto-off mode to conserve battery life. The unit fits into an optional holster that attaches to a belt and neatly stows test leads.

Fluke T5-1000 vs T6-1000

The T5-1000 uses the OpenJaw™ design to measure current without metallic contact, just slide the wire in the open fork and the T5 will do the rest. It also measures voltage and continuity with the test leads. The T6-1000 (https://www.fluke.com/en-us/product/electrical-testing/basic-testers/fluke-t6-1000) is designed to use FieldSense™ technology to display both current and voltage simultaneously.

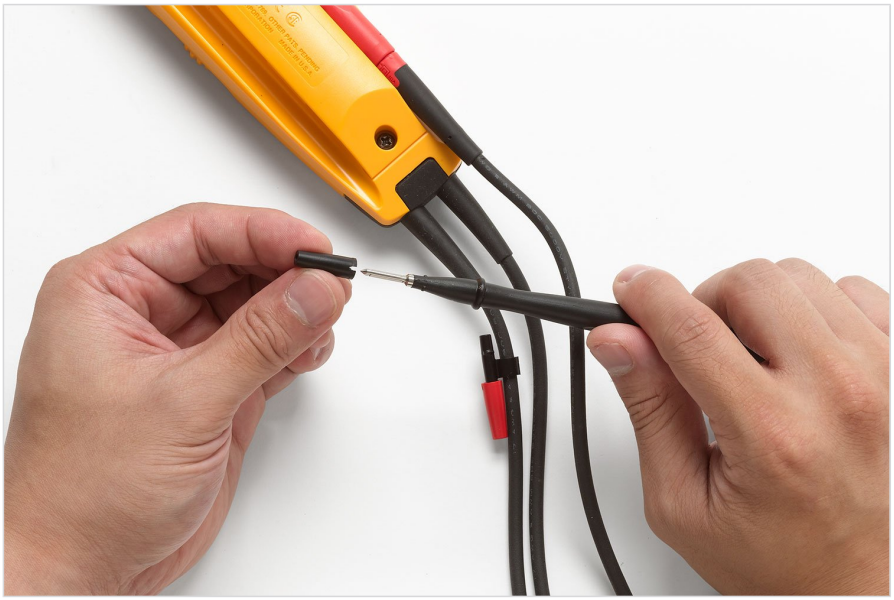
“This is a very good meter and I trust my life with it almost every day” - Kevin

Specifications: Fluke T5-1000 Voltage, Continuity and Current Tester

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% ± 3 counts	
AC response	Averaging	
Voltage range AC/DC	0 to 1000 V	
Voltage accuracy	AC	1.5% ± 2 counts
	DC	1% ± 1 count
Resistance range	0 to 1000 Ω	
Continuity beeper threshold	On at < 25 Ω, off at > 400 Ω	
Volts indicator LED threshold	Guaranteed on by 30 V AC	
Environmental Specifications		
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)	
Dust/water resistance	Yes	

Operating altitude	2000 meters max
Temperature coefficient	0.1 x (specified accuracy)/°C (< 18°C or> 28°C)
Safety Specifications	
Measurement Category	IEC 61010-2-032, IEC61010-2-033: CAT IV 600 V / CAT III 1000 V, 100 A ac
Agency approvals	CSA, TUV
Maximum voltage	1000 V between any terminal and earth ground
Mechanical and General Specifications	
Size	30.5 x 51 x 203 mm
Weight	300 g
Warranty	Two-years
Battery life	200 hour zinc chloride, 400 hour alkaline
Battery type	2 x AA
Low battery indicator	Yes
Current sensor opening	12.9 mm

Ordering information



Fluke T5-1000
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Includes:

- 4 mm detachable probes
- Instruction sheet

Optional accessories	Description
Fluke H5 Electrical Tester Holster	Rugged fabric holster includes flap for lead storage and built-in belt loop.
Fluke C150 Soft Carrying Case	Keep your clamp meters and accessories together and organized
Fluke AC220 SureGrip™ Alligator Clips	SureGrip™ accessories are designed to improve steadiness in slippery hands.

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02/2023

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