

TECHNICAL DATA

Fluke T5-1000 Continuity, Current and Voltage Tester



Key features

This voltage tester has been designed for residential, commercial and industrial electricians. It is the best frontline troubleshooting tool.

- Compact and rugged: designed for portability
- With this voltage tester you can automatically measure AC and DC voltage up to 1000 V with precise digital resolution
- Measure current up to 100 A without breaking the circuit with OpenJaw™ design
- Integrated protection circuit allows it to stay connected to a voltage source longer than a solenoid tester
- Troubleshoot resistance problems up to 1000 Ω

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

The Fluke T5-1000 electrical voltage tester is a versatile troubleshooting tool to carry to every job site.

It is a voltage tester, continuity tester and current tester in one compact tool. Just select volts, ohms, or current and the tester does the rest.

Automatically measure AC and DC voltage up to 1000 V with precise digital resolution

- Auto-selects between AC and DC voltage
- Suitable for industrial applications

Measure current up to 100 A without breaking the circuit with OpenJaw™ design

- OpenJaw™ design allows for fast and easy current measurement
- Measure current more safely without metallic contact

Troubleshoot resistance problems up to 1000 Ω

- Measure resistance when troubleshooting motors, HVAC systems or electrical systems
- Built in continuity beeper provides fast and easy go/no-go tests

Work in tight spaces with detachable Slim Reach probe tips

- This voltage tester features a compact design with handy probe storage, easily fits in one hand
- The test lead slot in the back makes the meter an “extended handle” for the probe, leaving the other hand free to place the second lead
- Test leads accept Fluke accessory test clips

Key safety features

- Protected to EN61010-1 CAT IV 600 V / CAT III 1000 V rating
- Integrated protection circuit allows it to stay connected to a voltage source longer than a solenoid tester
- UL and CSA approved

Additional product features

- Withstands a 10 ft. (3 m) drop
- Offers Auto-off mode to conserve battery life
- The T5-1000 voltage tester fits into an optional holster that attaches to a belt and neatly stows test leads

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

Includes:

- 4 mm detachable probes
- Instruction sheet

Optional accessories	Description
Fluke C37XT Protective EVA Hard Tool Case	Durable EVA foam case and divider to safely carry most multimeters
Fluke TP1 Slim Reach Test Probes	One pair (red, black) of slender probe bodies for probing closely spaced or recessed terminals.
Fluke T5 Tester Accessory Starter Kit	Special value starter kit for the electrical professional who already owns a Fluke T5 Electrical Tester or is thinking of buying one.

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