

**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 $^{\text{\tiny{M}}}$  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<sup> $\mathrm{M}$ </sup> 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  $\Omega$ .

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 $^{\text{m}}$  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 $^{\text{m}}$  technology to display both current and voltage simultaneously.

## 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 $\Omega$ , off at > 400 $\Omega$			
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			

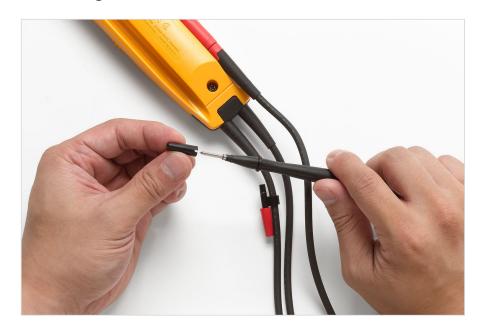
<sup>&</sup>quot;This is a very good meter and I trust my life with it almost every day" - Kevin



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

#### Fluke T5-1000 CAL

Fluke T5-1000 Voltage, Continuity and Current Tester, with a traceable certificate of calibration with data from Fluke

#### Includes:

- 4 mm detachable probes
- Instruction sheet
- A traceable certificate of calibration with data from Fluke

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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