

**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<sup>™</sup> design
- Integrated protection circuit allows it to stay connected to a voltage source longer than a solenoid tester
- Troubleshoot resistance problems up to 1000  $\Omega$

## 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<sup>™</sup> design allows for fast and easy current measurement
- Measure current more safely without metallic contact

Troubleshoot resistance problems up to 1000  $\Omega$ 

- 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

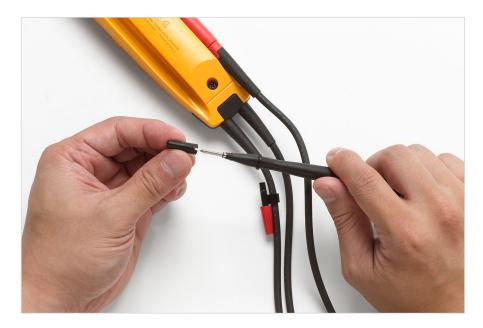
Specifications			
Jaw opening	12.9 mm (0.5 in)		
Max wire size	1/0 THHN Cable		
Current range AC rms	0 to 100.0 A		
Accuracy AC current (50/60 Hz)	3% ± 3 counts		
AC response	Averaging		
Voltage range AC/DC	0 to 1000 V		
Voltage accuracy	AC	1.5% ± 2 counts	
	DC	1% ± 1 count	
Resistance range	0 to 1000 Ω		
Continuity beeper threshold	On at < 25 $\Omega$ , 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	
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 Specif	fications	
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**

Fluke H5 Electrical Tester Holster

Fluke C150 Soft Carrying Case

T5-KIT-1, T5 Tester Accessory Starter Kit

Fluke AC220 SureGrip™ Alligator Clips

### **Description**

Rugged fabric holster includes flap for lead storage and built-in belt loop.

Keep your clamp meters and accessories together and organized

Special value starter kit for the electrical professional who already owns a Fluke T5 Electrical Tester or is thinking of buying one. Includes insulated test probes, alligator clips for hands free connections and a soft carry case to protect your tester when not in use and store your accessories.

SureGrip™ accessories are designed to improve steadiness in slippery hands.



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