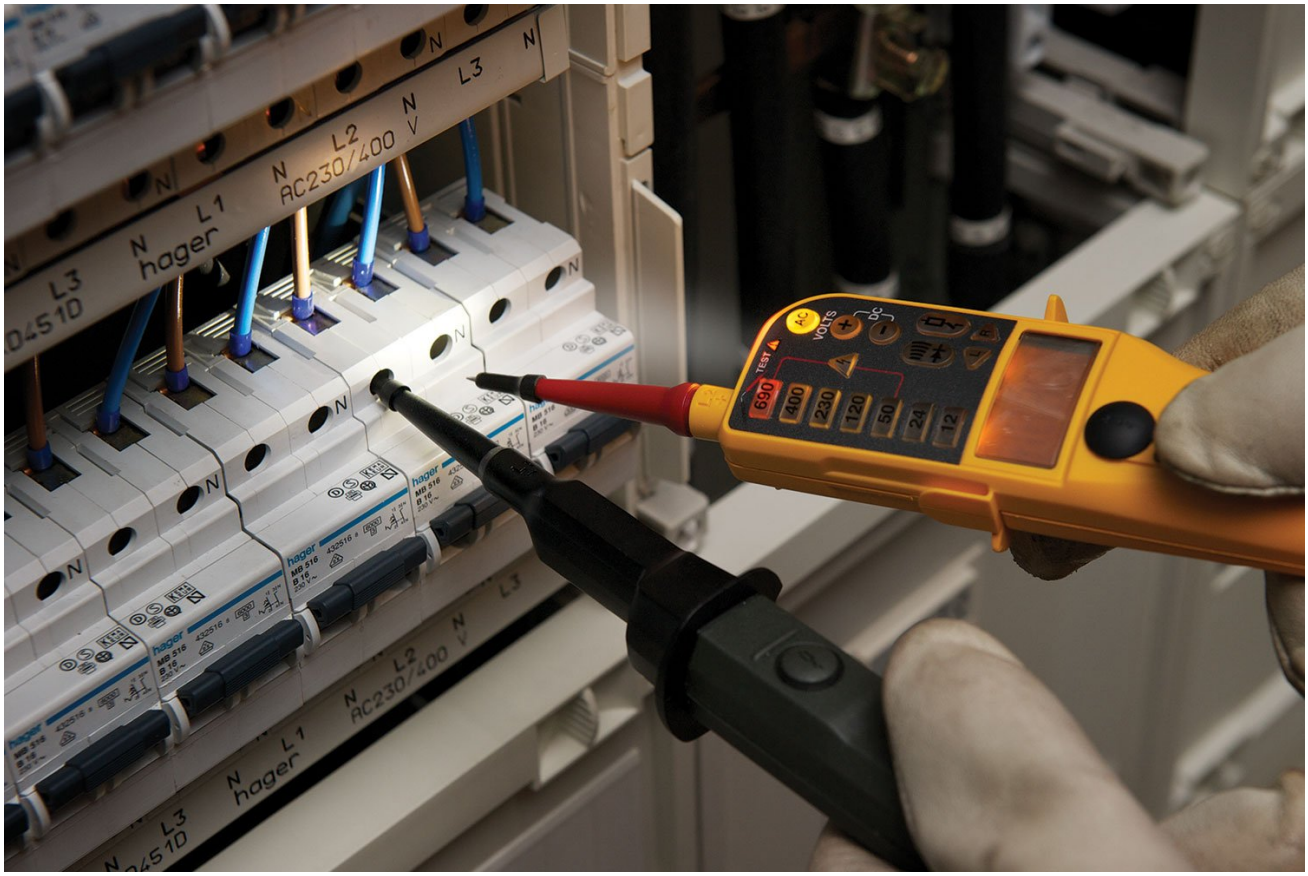
TECHNICAL DATA

# Fluke Two-pole Voltage and Continuity Testers


FLUKE
T90
VOLTAGE TESTER
FLUKE
T110
VOLTAGE TESTER
FLUKE
T130
VOLTAGE TESTER
FLUKE
T150
VOLTAGE TESTER

## Key features

Fluke's two-pole voltage and continuity testers are built to work the way you work. They give you the best combination of safety, ease-of-use and fast answers available anywhere.

- Designed according to IEC EN 61243-3:2014 to verify the absence of voltage – even with discharged batteries.
- CAT IV 600 V, CAT III 690 V safety rating
- With 4 ways to indicate the presence of voltage – LED indicator, LCD display, audible tone or tactile feedback, always know if hazardous voltage is present (digital display on T130, T150, vibration indicator on T110, T130, T150)

## Product overview: Fluke Two-pole Voltage and Continuity Testers

## Redesigned cable assembly for superb reliability on the job

**Fluke T150 Voltage and Continuity Tester with LCD readout and additional resistance measurement**

Fluke Two-pole Voltage and Continuity Testers give you fast test results the way you need them, with large, easy-to-use buttons, bright backlights, and clear audible and physical indicators designed for any work situation. Resistance measurements up to 1999 Ω. Display hold. Enhanced ergonomic design is easy to use (even with gloves on) and offers quick, secure probe docking.

**Fluke T130 Voltage and Continuity Tester with backlit LCD readout**

The Fluke T130 Voltage and Continuity Tester with large, easy-to-use buttons, a bright backlit LED indicator and LCD display, display hold, and clear audible and vibrating voltage indicators designed for any work situation.

**Fluke T110 Voltage, Continuity Tester with switchable load**

The Fluke T110 Voltage and Continuity Tester with electric torch, backlit LED indicator, clear audible and vibrating voltage indicator let you work with confidence, while getting test results the way you want them.

**Fluke T90 Basic Voltage and Continuity Tester**

The compact Fluke T90 Voltage and Continuity Tester gives you fast test results the way you need them in a slim design. Large, easy-to-use buttons, bright backlit LED indicators and clear audible indicator give quick results in any work situation.

**How do we test our new and improved Two-Pole Voltage and Continuity Testers?**


Two-pole voltage and continuity testers measure voltage, but just as important is when a two-pole tester tells you that there is NOT voltage present before working on any circuit.  For you to rely on your two-pole tester, it has to be the most rugged and reliable tester you can find. That's what Fluke's redesigned two-pole testers give you.

Fluke knows the cable assembly is often where failures occur. The cable on any Two-Pole voltage and continuity tester is its weakest point- it is repeatedly bent, twisted, wrapped and put under constant strain. If the cable were to break, it could place you at an increased safety risk. Industry standards call for the cable to be tested to withstand a forty-five-degree bend, and still work after 5000 bend cycles. Fluke puts our testers through three times what the standard demands, flexing the cable over 150 degrees in each direction. This is why we can offer you our strongest voltage and continuity testers warranty ever.

**Other useful features**

- Dual insulated cable tested to 3x the required bend angle provides increased reliability and durability.
- Switchable load: avoid display of ghost voltages allowing you to draw more current from the circuit under test and avoid trip residual-current devices (RCDs)
- Backlit graduated scale and backlit indicators
- Built in electric torch for use in dark areas. (T110, T130, T150)
- Resistance testing to 1999 ohms. (T150)
- Audio on/off for testing in quiet areas. (T110, T130, T150)
- Improved probe docking for secure storage.
- Phase rotation indicator for 3-phase systems. (T110, T130, T150)
- Display hold freezes reading on display until your can view it comfortably. (T130, T150)
- Single-pole phase test offers fast identification of live conductors.
- Push-on probe tips, probe tip protector and storage accessory.
- Tip protector serves as an extra hand when opening UK electrical safety outlets.
- Low battery indicator.

## Specifications: Fluke Two-pole Voltage and Continuity Testers

The complete family of Fluke Two-Pole Voltage and Continuity testers lets you choose the features, functions, and price/performance to fit your applications and preferences.

## Fluke voltage and continuity tester selection guide

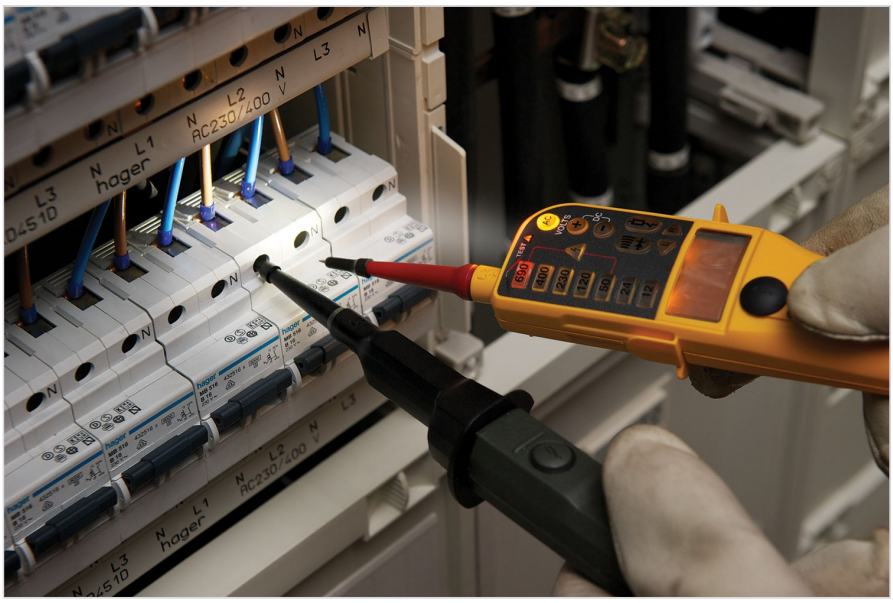
| Features | T150 | T130 | T110 | T90 |
|---|---|---|---|---|
| Backlit LED indicator | • | • | • | • |
| Backlit LCD digital display | LCD | LCD | | |
| Continuity test—visual results | • | • | • | • |
| Continuity test—audible results | • with on/off | • with on/off | • with on/off | • |
| Vibratory indicator under load | • | • | • | |
| Display hold | • | • | | |
| Voltage test | • | • | • | • |
| Indication of polarity | • | • | • | |
| Resistance measurement | • | | | |
| Switchable load | • | • | • | |
| Single pole test for phase detection | • | • | • | • |
| Rotary field indicator | • | • | • | |
| Probe tip protection | • | • | • | • |
| Voltage detection with discharged baeries | • | • | • | • |
| Electrical torch function | • | • | • | |
| Wear indicator test lead wire | • | • | • | • |

## Product specifications

| Specifications | T90 | T110 | T130 | T150 |
|---|---|---|---|---|
| Voltage AC/DC | 12V - 690V | 12V - 690V | 6V - 690V | 6V - 690V |
| Continuity | 0 - 400 kΩ | 0 - 400 kΩ | 0 - 400 kΩ | 0 - 400 kΩ |
| Frequency | 0 / 40 - 400 Hz | 0 / 40 - 400 Hz | 0 / 40 - 400 Hz | 0 / 40 - 400 Hz |
| Phase rotation | - | 100 V - 690 V | 100 V - 690 V | 100 V - 690 V |
| Resistance measurement | - | - | - | Up to 1999 Ω |
| Response Time (LED indicator) | < 0.5 s | < 0.5 s | < 0.5 s | < 0.5 s |
| 200 kΩ input impedance | Current draw 3,5 mA @ 690 V Current draw 1,15 mA @ 230 V | Current draw 3,5 mA @ 690 V Current draw 1,15 mA @ 230 V | Current draw 3,5 mA @ 690 V Current draw 1,15 mA @ 230 V | Current draw 3,5 mA @ 690 V Current draw 1,15 mA @ 230 V |
| 7k Ω input impedance (with load buons pressed) | - | Current draw 30 mA @ 230 V | Current draw 30 mA @ 230 V | Current draw 30 mA @ 230 V |
| Safety rating | CAT II 690V CAT III 600V | CAT III 690V CAT IV 600V | CAT III 690V CAT IV 600V | CAT III 690V CAT IV 600V |
| IP rating | IP54 | IP64 | IP64 | IP64 |
| Power requirement | 2-AAA baeries | 2-AAA baeries | 2-AAA baeries | 2-AAA baeries |

| Specifications | T90 | T110 | T130 | T150 |
|---|---|---|---|---|
| Net weight | 280 g (9.9 oz) | 280 g (9.9 oz) | 280 g (9.9 oz) | 180 g (6.4 oz) |
| Size (LxWxH) | 26 cm x 7 cm x 3.8 cm | 26 cm x 7 cm x 3.8 cm | 26 cm x 7 cm x 3.8 cm | 23 cm x 6.5 cm x 3.8 cm |
| Warranty | 2 years | 2 years | 2 years | 2 years |
| Couy of origin | Great Britain | Great Britain | Great Britain | Great Britain |

# Ordering information




**Fluke T90**
Fluke T90 Voltage/Continuity Tester

**Fluke T130**
Fluke T130 Voltage/Continuity Tester With LCD, Switchable Load

**Fluke T150**
Fluke T150 Voltage/Continuity Tester With LCD, Ohms, Switchable Load

**Fluke**. *Keeping your world up and running.®*

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