

TECHNICAL DATA

# Fluke BK120 SmartTrace™ Breaker Finder and T5-600 Electrical Tester





## Key features

- Locates the correct breaker quickly and accurately
- Advanced NCV Mode to indicate proximity and detection of voltage on sockets/outlets, supply cords, or terminal strips
- GFCI outlets—with an integrated GFCI test, you can feel secure knowing that your GFCI equipped outlets are functioning properly
- Measure current up to 100 A without breaking the circuit
- Meter automatically selects AC or DC voltage, up to 600 V

## Product overview: Fluke BK120 SmartTrace™ Breaker Finder and T5-600 Electrical Tester

**Introducing the ultimate duo for electrical professionals and DIY enthusiasts – The BK120 and T5-600 Tester.**

The Fluke BK120 with NCV mode

This versatile tool simplifies electrical work, circuit tracing, and troubleshooting for electricians, homeowners, and maintenance pros. The BK120 includes a Breaker Finder and Transmitter, ensuring accurate circuit breaker identification without guesswork, saving you time. It's suitable for CAT III 150 V environments, with a comfortable, ergonomic design.

### Key Features:

- Dual Sensitivity: Detects AC voltage in low and high voltage situations, enhancing safety
- Built-in GFCI Tester
- Bright flashlight

Fluke T5-600 Electrical Tester

Your versatile troubleshooting companion for any job site. Effortlessly measure voltage, continuity, and current with this rugged, compact tool. Simply choose volts, ohms, or current, and let the tester handle the rest.

### Key Features:

- Measure current up to 100 A without circuit interruption with OpenJaw™ design
- Designed to withstand a 10 ft. (3 m) drop
- Auto-off mode for extended battery life
- One-handed operation with convenient probe storage

## Specifications: Fluke BK120 SmartTrace™ Breaker Finder and T5-600 Electrical Tester

Fluke BK120 SmartTrace™ Breaker Finder

	BK120 Transmier	BK120 Receiver
Safety rating	CAT III 150 V	CAT III 150 V
Rated operating voltage	110 V AC to 125 V AC at 6 mA	—
Rated frequency	50/60 Hz	—
GFCI test	□	—
Wiring check	□	—
Wiring indication	1 red, 2 green	—
Breaker finder indication	—	Visual and audio
NCV detection	—	90 V AC to 240 V AC, 50/60 Hz Dual sensitivity Visual and audio indications
Flashlight	—	□
Auto power off	—	□
Low battery indication	—	□
Power supply	Line powered	2 AAA

## Fluke T5-600 Electrical 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 600 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)
<b>Safety Specifications</b>	
Measurement Category	IEC 61010-2-032, IEC61010-2-033: CAT III 600 V, 100 A ac
Agency approvals	CSA, TUV
Maximum voltage	600 V between any terminal and earth ground
<b>Mechanical and General Specifications</b>	
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 BK120/T5-600 Kit

Fluke BK120 SmartTrace™ Breaker Finder and T5-600 Electrical Tester

Includes:

- BK120
  - Breaker Finder Receiver
  - Transmitter
  - Batteries
  - Quick Reference guide
- T5-600 Electrical Tester
  - 600 V Voltage, continuity and current tester
  - 4 mm detachable probes
  - Quick Reference Guide

### Optional accessories

### Description

**Fluke C37XT Protective EVA Hard Tool Case** Durable EVA foam case and divider to safely carry most multimeters



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