

TECHNICAL DATA

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









2 Fluke Corporation 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	0	
Wiring check	٥	_
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	_	0
Auto power off	_	0
Low baery indication	_	0
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 Specification	ons		
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)		

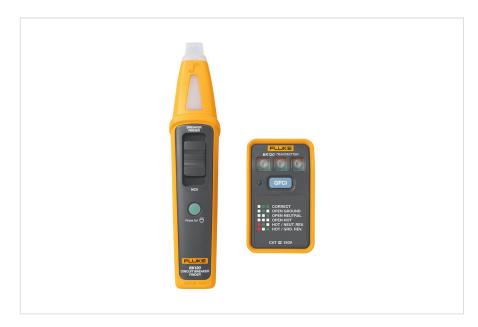
4 Fluke Corporation Fluke BK120 SmartTrace[™] Breaker Finder and T5-600 Electrical Tester



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 III 600 V, 100 A ac	
Agency approvals	CSA, TUV	
Maximum voltage	600 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	
Baery life	200 hour zinc chloride, 400 hour alkaline	
Baery type	2 x AA	
Low baery 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



Fluke. Keeping your world up and running.®

Fluke Corporation PO Box 9090, Everett, WA 98206 U.S.A.

For more information call:

In the U.S.A. (800) 443-5853 In Canada (800) 36-FLUKE From other countries +1 (425) 446-5500 www.fluke.com ©2025 Fluke Corporation. Specifications subject to change without notice. 04/2025

Modification of this document is not permitted without written permission from Fluke Corporation.