

TECHNICAL DATA

Fluke BK120 SmartTrace™ Breaker Finder



EASIER, SAFER AND ACCURATE TROUBLESHOOTING

- Locate the correct breaker quickly and accurately
- Built-in GFCI Tester
- Low battery indicator
- Auto sleep mode
- Bright flashlight
- CAT III 150 V

Easy to use and accurate

The BK120 is a tool for identifying circuit breakers in electrical panels and detecting voltage with NCV mode. It is an essential device for electricians, homeowners, and maintenance professionals, to simplify electrical work, circuit tracing, and troubleshooting. The system consists of two main components: the Breaker Finder and the Transmitter. With the BK120, you can work safely and efficiently, saving time by accurately identifying circuit breakers without guesswork. The BK120 is suitable for use in CAT III 150 V environments, making it versatile for residential and commercial applications while offering a compact and ergonomic design to ensure comfortable handling during prolonged use.

Dual-sensitivity

Indicates proximity and actual detection of AC voltage on supply cords or terminal strips with advanced NCV mode, catering to both low and high voltage situations.

One-button GFCI tests

Consists of a Transmitter connected to the electrical outlet or fixture, the GFCI test button allows you to test the operation of GFCI outlets. Pressing the test button initiates a simulated ground fault, causing the GFCI to trip and interrupt the circuit. This test verifies that the GFCI's internal mechanisms are operational and capable of swiftly responding to actual ground faults. Regular testing of GFCIs is essential to ensure ongoing safety in environments where electrical appliances are used.

Audible and Visual Alerts

The Breaker Finder provides both audible alerts and visual signals to indicate the presence of AC electric fields and the correct breaker. Bright LEDs enable users to identify breakers in most lighting environments.





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

The Fluke T5-600 Electrical Tester lets you quickly and safely take current measurements by sliding the open fork over a conductor, without metallic contact to a live conductor.



Fluke BK120 SmartTrace™ Breaker Finder and 107 Pocket Digital Multimeter (FLK-BK120-107)

The Fluke 107 is a compact, palm size easy-to-use digital multimeter made to fit the way you work. It is the perfect first-pass troubleshooting tool; small enough to fit in a shirt pocket yet tough enough to withstand daily use, including a 1-meter drop test.



Specifications

	BK120 Transmitter	BK120 Receiver
Display		
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

Ordering information

BK120 SmartTracer™ Breaker Finder

What's included

- Breaker Finder Receiver
- Transmitter
- Batteries
- Quick reference guide

Visit www.fluke.com to get complete details on these products or ask your local Fluke sales representative.



Fluke. Keeping your world up and running.™

www.fluke.com

©2023 Fluke Corporation.
Specifications subject to change without notice.
230444-en

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