

**PLATINUM TOOLS®**

**The only way  
to see why, when,  
and where a circuit  
breaker trips!**



Supports new  
NEC 1699 and  
UL1699/1699B  
requirements

**Allows unattended  
monitoring to identify  
electrical events.**



# Fault Trapper™

*Fault  
Trapper™*

**See Beyond The Circuit Breaker**

**Stop guessing about circuit breaker tripping issues!** For the first time, you can detect the type of fault and locate the position of an electrical “event” that causes intermittent or persistent circuit breaker trips and No Fault Found (NFF) conditions, thus giving you the critical information needed to reduce call backs for circuit breaker trips.

**The Fault Trapper is a new class of tester using Spread Spectrum Time Domain Reflectometry (SSTDTR) to monitor live circuits.** Running on in-line power for extended battery life, it captures time and distance to Opens, Shorts and Arc Faults saving the event information in memory for later investigation. The in-line 40 Amp Module isolates the circuit being monitored from the breaker panel and all other breakers. The last faults can be viewed off-line using the back-up battery.

**Fault Trapper allows unattended monitoring of energized dedicated circuits for NFF conditions.** Just set it up, press the Test button to begin monitoring and walk away. Come back later or the next day to find out the why-when-and-where's of circuit breaker trips and NFF conditions.

- In-line monitoring of energized dedicated circuits up to 300 VAC and 40 amps
- Allows unattended monitoring of intermittent or sustained electrical events
- No Splicing – Plug in with existing wiring
- Identifies opens, shorts and arc faults
- Detects the last event whether or not the breaker trips
- Runs on in-line power in monitor mode
- Fault location reported as distance from the Fault Trapper in feet/meters
- Easy-to-use three-button operation
- Backlit LCD display for dark areas
- Back-up battery allows capture of breaker trips/unpowered display of results

California, USA

Phone: 805.384.2777/800.749.5783 • Fax: 800.749.5784

[www.platinumtools.com](http://www.platinumtools.com)

**We Make Connections EZ!**

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TFT100 Fault Trapper™

PLATINUM TOOLS®



Fault Trapper™

See Beyond The Circuit Breaker

Specifications

Physical Dimensions

Fault Trapper Meter (Main Unit)  
Size: 15.25 x 7.6 x 3.8 cm (6.0 x 3.0 x 1.5 inches)  
Weight: 255 grams (9 oz.) with battery

In-Line 40 Amp Module  
Size: 11.5 x 7.6 x 5.85 cm (4.5 x 3.0 x 2.3 inches)  
Weight: 312 grams (11 oz.)

Input Rating

Fault Trapper Meter (Main Unit)  
90 to 265 Volts AC RMS 50/60Hz, 4 Watts max.

In-Line 40 Amp Module  
300 Volts AC RMS, 40 Amp circuits maximum  
supplies power to main unit

Measurement

Method: Spread Spectrum Time Domain  
Reflectometry (SSTDR)  
Accuracy: Up to 97%  
Maximum Length: 300 ft on NM-B or Wire in Conduit

Battery Use and Life

Used to view results when not AC powered  
Battery Low Level: Approximately 5.5 volts  
Battery Life (9 Volt alkaline battery, typical)  
Standby Mode (Non-viewing): 2 years  
Active Viewing Mode: 4 hours typical

Environmental Temperature

Operating: 0 to 50°C (32 to 122°F)  
Storage temperature: -20 to 60°C (-4 to 140°F)  
Long Term Storage w/ battery:  
35°C maximum (95°F)  
Humidity: 10% to 90%, non-condensing  
Altitude: 2,000 meters (6,561 ft) maximum

Rating

300V CAT III, 120/240Vac, 40 amps or less,  
single phase.

Safety Compliance



Warranty

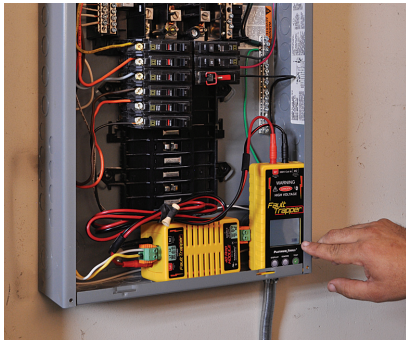
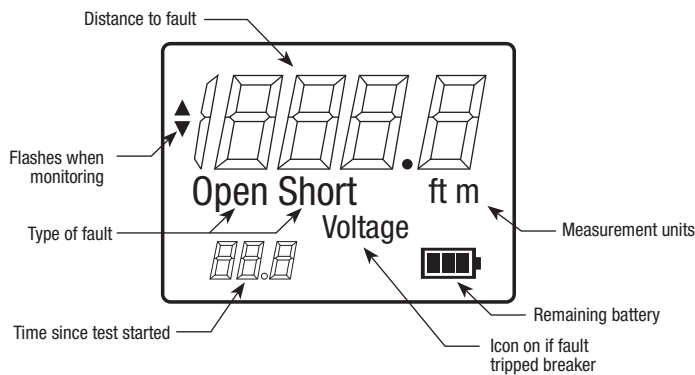
1 year

\* Specifications are subject to change without notification

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www.platinumtools.com



Ordering Information

Description	P/N	UPC Code
Fault Trapper Kit. Includes Banana Plug Assembly, Plug in Terminal Blocks and Insulated Screwdriver	TFT100	849160008057

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