

# 2004



TIME SAVING TOOLS FOR CONTRACTORS



## GTi Products

Electronic Instruments for the Professional Contractor

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## GTi Products

Electronic Instruments for the Professional Contractor

# 10 new time-saving products for the electrical contractor!

A new line of tools for Electrical Contractors and Building Maintenance Personnel! GTi Products has developed several hand-held tools for circuit tracing and testing, light fixture and ballast testing, and 3-phase electric sequencing. These tools fit conveniently into a tool belt and feature a simple to use interface. Experience how these devices can save you time on installations and troubleshooting!

**New products:**



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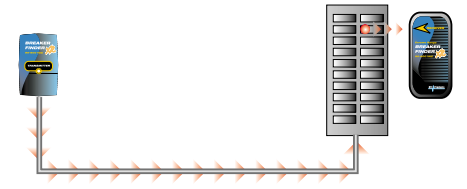
**Phase 3** - Identifies line and motor sequencing for foolproof connections with 3 phase electric! . . . .Page **10**



## Pinpoint circuits at the breaker box with an incredible 90-600 VAC range!

Locate the correct circuit from the box every time with the Breaker Finder XR from GTi Products. This is an indispensable tool for electricians and contractors who need to verify and pinpoint live circuitry from the breaker box - even for fuses and GFCI circuits! A blinking LED and audible tone from the receiver unit makes it easy to locate the circuit in which the transmitter is plugged. Works on single and polyphase circuits that operate on 90 to 600 volts. An industry first!

**Here's how it works:**  
Plug the transmitter into the circuit to be traced, a red light will verify the circuit as live. Next, take the receiver unit to the breaker box and scan the circuits. A red light and audible tone will signal the desired circuit.



**Product Specifications:**  
Operates on one 9v battery  
**Model No:** BF-1601  
**Circuit Range:** Variable from 90 to 600 volts

- Product Features:**
- Quickly pinpoint circuits from the breaker box
  - Traces circuits from 90 to 600 VAC
  - One-man operation to trace circuits from a distance

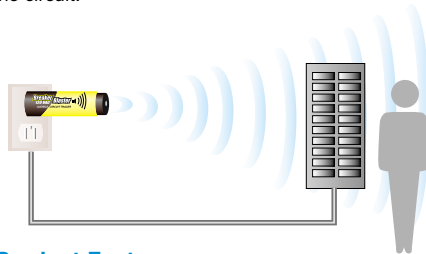


## Find 120 VAC circuits from a distance with a high decibel audible tone

Now there is an economical tester to verify and trace circuits that requires only one person to operate. This amazingly easy-to-use device does two things. First, it verifies that a circuit is live by plugging the unit into a 120 VAC receptacle. A loud audible tone sounds if the circuit is active. Next, go to the breaker box and trip the breakers until the tone stops. The unique tonal pitch is designed to penetrate walls and can be heard at the box – even from a distance of 3 stories! The circular design fits nicely into a tool belt. Electricians will not want to leave the shop without this one!

### Here's how it works:

*Plug the unit into a 120 VAC circuit. An audible tone will sound to signal a live circuit. Go to the breaker box and trip each circuit until the tone stops to trace the circuit.*



### Product Features:

- Economical one-man tester to trace 120 VAC circuits from a distance
- Circular design fits easily into tool belt

### Product Specifications:

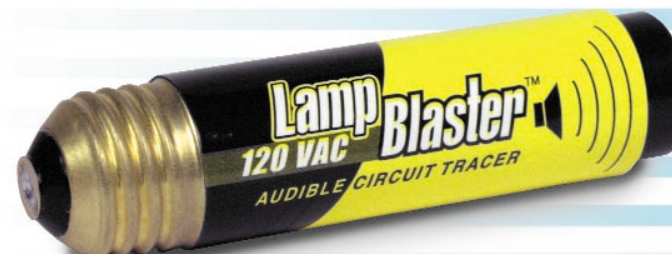
Breaker Blaster Audible Circuit Tracer

**Model No:** BB-120

**Circuit Range:** 120 VAC

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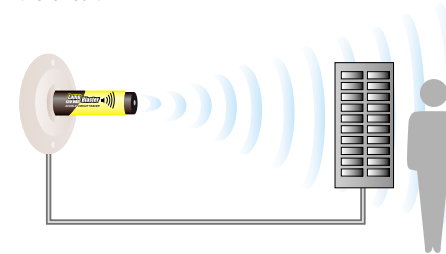


## Creates a loud audible signal when installed in a 120 VAC light socket.

This is the companion tester for the 120 VAC Breaker Blaster. This easy-to-use device can verify that a circuit is live by installing it into a 120 VAC light bulb receptacle. A loud audible tone sounds if the circuit is active. Next, go to the breaker box and throw the breakers until the tone stops. The Lamp Blaster has the same unique tonal pitch found in the 120 VAC Breaker Finder. The tone is designed to penetrate walls and can be heard at the box – even from a great distance. The circular design fits nicely into a tool belt. Electricians who love to use the economical Breaker Finder will want to add this to their collection.

### Here's how it works:

*Install the unit into a 120 VAC circuit. An audible tone will sound to signal a live circuit. Go to the breaker box and trip each circuit until the tone stops to trace the circuit.*



### Product Features:

- Economical one-man tester to trace 120 VAC circuits from a distance
- Circular design fits easily into tool belt

### Product Specifications:

Lamp Blaster Audible Circuit Tracer

**Model No:** BB-120L

**Circuit Range:** 120 VAC

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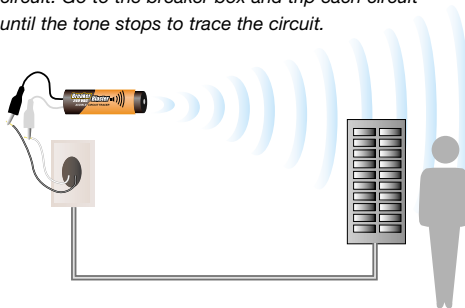


## The easy way to test and trace 110 - 240 VAC circuits!

Built with the same easy-to-use and economical design as the Breaker Blaster and Lamp Blaster, this tool rounds out the collection for a residential or commercial electrician. The 240 VAC Breaker Blaster from GTi Products is designed to trace and verify circuits from 110 to 240 VAC. Attach the insulated alligator clips to the positive and negative side of the circuit to be traced. A loud audible signal designed to penetrate walls up to 3 stories verifies live circuitry.

### Here's how it works:

*Install the unit by attaching the clips to the positive and negative sides of the circuit to be verified or traced. An audible tone will sound to signal a live circuit. Go to the breaker box and trip each circuit until the tone stops to trace the circuit.*



### Product Features:

- Economical one-man tester to trace 110 - 240 VAC circuits from a distance
- Circular design fits easily into tool belt

### Product Specifications:

110 - 240 VAC Breaker Blaster Audible Circuit Tracer

Model No: BB-240

Circuit Range: 110 - 240 VAC

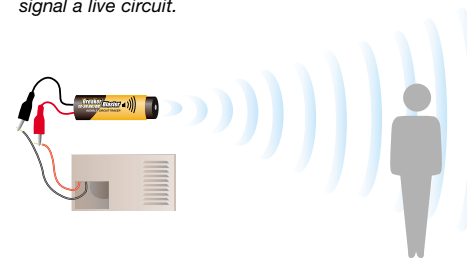


## Take the guesswork out of tracing and testing low voltage AC or DC circuitry!

Anyone who works in HVAC, automotive, or who services units with low voltage will want to add the 12-24 AC/DC Breaker Blaster to their tool box. Users can trace and verify circuits by connecting it to the positive and negative sides of the circuit they wish to trace or verify. Move quickly from circuit to circuit with the insulated alligator clips. The same, high decibel tone used in the 120 VAC Breaker Blaster and Lamp Blaster is also used in the 12-24 AC/DC Breaker Blaster. This allows users to verify and trace circuits from a great distance. Economical pricing and a compact design makes it a winner!

### Here's how it works:

*Install the unit by attaching the clips to the positive and negative sides of the 12-24 AC or DC circuit to be verified or traced. An audible tone will sound to signal a live circuit.*



### Product Features:

- Economical one-man tester to trace 12-24 AC/DC circuits
- Quickly move from circuit to circuit
- Circular design fits easily into tool belt

### Product Specifications:

12-24 AC/DC Breaker Blaster Audible Circuit Tracer

Model No: BB-1224

Circuit Range: 12-24 AC/DC

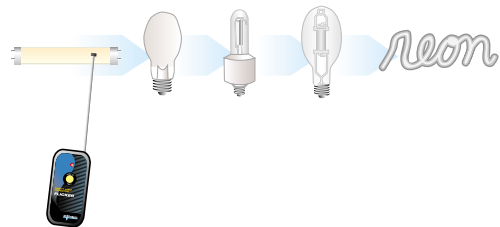


## Test gas filled bulbs in or out of lighting fixtures!

Now there is an easy way to test gas-filled bulbs, even if they are installed in a lighting fixture. The Flicker™ Faulty Lamp Indicator from GTI Products can test a variety of gas filled bulbs including fluorescent, mercury vapor, sodium, neon and metal halide lamps. Simply touch the antenna against the bulb. If the bulb flickers, it indicates that the bulb is good. If the bulb does not flicker, the bulb is bad. It is that simple! Best of all, it can test bulbs that are installed in a fixture, or test stand-alone bulbs that are not installed. Use it to test bulb inventories before an installation. Use it to trouble shoot a lighting problem. Use it to test for quality assurance on an assembly line. No matter how you use it, this simple one-button test is the fastest way on the market to check bulbs at lightening speed.

### Here's how it works:

Touch the tip of the antenna against the metal end cap or across the glass surface of the lamp (hold 2-3 seconds). If the lamp flickers, it is a good bulb. If the lamp does not flicker, it is bad.



### Product Features:

- Simple, one button, non-evasive test
- Test bulbs in or out of a fixture
- Telescoping antenna for easy reach to fixture

### Product Specifications:

Operates on one 9v battery

**Model No:** FLI-1001

**Types of bulbs tested:** fluorescent, mercury vapor, sodium, metal halide and neon.



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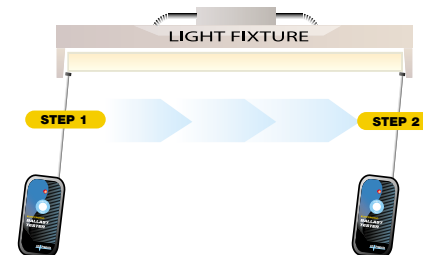
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## The easiest way to test a ballast – without removing the bulb!

The Electronic Ballast Tester from GTI Products is a must for everyone who installs or maintains fluorescent lighting fixtures. This simple, two-step test saves time by quickly identifying a faulty ballast. There are no wires to connect and no dismantling of the fixture in question is required. Simply touch the tip of the antenna to each end of the light fixture and press the test button to see if the ballast is working properly. The electronic ballast tester eliminates the need to perform a series of diagnostic tests to “rule out” possible problems such as a bad bulb, starter, or fixture. The Electronic Ballast Tester makes testing faulty ballasts quick and easy, with a device that is simple enough for virtually anyone to use.

### Here's how it works:

Press the test button and touch the tip of the antenna to each end of the light fixture. If the LED lights on both sides, the ballast is OK. If only one side lights, the fixture is bad. If the LED doesn't light on either side, the ballast is faulty



### Product Features:

- Simple, one button, non-evasive test
- Identifies defective ballasts quickly
- Telescoping antenna for easy reach to fixture

### Product Specifications:

Operates on one 9v battery

**Model No:** EBT-1001

**Types of fixtures tested:** F17T8, F25T12, F30T12, F32T8, F40T10, F40T12, F24T12/HO, F36T12/HO, F48T12/HO, F60T12/HO, F72T12/HO, F96T8/HO, F96T12/HO, F48PG17/VHO, F48T12/VHO, F72PG17/VHO, F72T12/VHO, F96PG17/VHO, F96T12/VHO

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## Identify faulty ballasts on light fixtures with a bi-pin or recessed double contact base!

Take the guess-work out of identifying lighting problems on fluorescent fixtures with the Magnetic Bi-Pin Ballast Tester and the High-Output Magnetic Ballast Tester from GTi Products. With either of these testers, you can rule out other lighting problems like damaged sockets or broken fixtures. A simple, two-step test gives the user instant results. No diagnostics to decipher, no leads to connect. It's an easy test to check rapid ballast for proper filament voltage on fluorescent fixtures.

### Here's how it works:



Remove bulb from fixture. Install the tester into the connector at each end of the light fixture. If the LED lights on both sides, the ballast is OK. If only one side lights, the fixture is bad. If the LED doesn't light on either side, the ballast is faulty.

### Product Specifications:

Bi-Pin Magnetic Ballast Tester

**Model No:** BT-MAG1

**Types of fixtures tested:** F17T8, F25T12, F30T12, F32T8, F40T10, F40T12

### Product Specifications:

Magnetic High-Output Ballast Tester

**Model No:** BT-MAG2

**Types of fixtures tested:** F17T8, F25T12, F30T12, F32T8, F40T10, F40T12, F24T12/HO, F36T12/HO, F48T12/HO, F60T12/HO, F72T12/HO, F96T8/HO, F96T12/HO, F48PG17/VHO, F48T12/VHO, F72PG17/VHO, F72T12/VHO, F96PG17/VHO, F96T12/VHO

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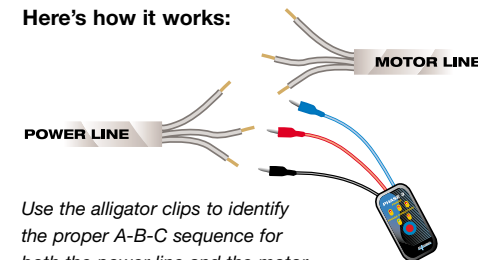
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## Identifies line and motor sequencing for foolproof connections with 3 phase electric!

Connecting 3 phase motors to a power supply incorrectly can cause the motor to spin backwards, causing damage to the motor and the equipment attached to it. The Phase 3™ from GTi Products can analyze motor and power line sequencing in one compact unit for surefire connections to 3 phase electric. The Phase 3's intuitive readout gives the user easy-to-understand test results. A simple green light indicates the proper A-B-C sequence. It even detects whether it is connected to the motor or the power line!

### Here's how it works:



Use the alligator clips to identify the proper A-B-C sequence for both the power line and the motor line. A green light indicates the proper A-B-C sequence.

### Product Features:

- Automatically analyzes motor and power line sequencing
- The only unit that works at both 60 Hz and 400 Hz

### Product Specifications:

Operates on one 9v battery

**Model No:** PH-1001

**Circuit Range:** 110-600 VAC

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