



# PI-250 Gen2

## Portable Circuit Breaker Test Set

### Our Mission is Reliability

ETI Precision manufactures industry-leading high-current circuit breaker testers and AC/DC variable power supplies.

Our products are manufactured in the USA and deployed at testing companies and within critical environments nationwide, ensuring technical functionality, accuracy, and increased equipment availability.



## DESCRIPTION

The PI-250 Gen2 Circuit Breaker Test set is housed in a lightweight, rugged case for maximum portability and durability. This tester has been designed and built with a focus on reliability and ease-of-use.

- **Peak Output of 1000A:** This test set achieves peak output of approximately 1000A, making the unit ideal for testing circuit breakers, motor overload relays and ground fault trip devices, whether magnetic, thermal or solid state.
- **Built For Field Service:** The PI-250 Gen2 test set is housed in a rugged enclosure which weighs no more than 44 pounds, allowing one-person easy mobility.
- **Maximize Testing Productivity:** The PI-250 Gen2 uses an enhanced cooling and ventilation system to minimize "off" times between tests. It offers high accuracy readings of true-RMS continuous and pulse current along with reliable current latch mode operation and timing accuracy.
- **Prioritizing Safety:** Improved Cam-Lok output connectors helps ensure a secure connection.

## APPLICATIONS

The perfect test set for every service vehicle in your fleet. This high current test set is designed with high current, low voltage outputs used for many purposes, including primary injection testing of direct acting low voltage circuit breakers, motor overload relays, current transformers and heat runs. The front panel displays provide simple indication of output current, time, and system status. The keyboard provides easy control of output.

## REQUEST A QUOTE TODAY

Contact our experts at [info@etiprecision.com](mailto:info@etiprecision.com) or 410-857-1880. Not sure if the PI-250 Gen2 is right for you? We are available to offer advice and consultations to help you select the right products for your business.

### Current Ranges:

- 10.00 Amps
- 25.00 Amps
- 50.00 Amps
- 100.0 Amps
- 250.0 Amps
- 500.0 Amps
- 1000 Amps

### Current Accuracy:

- +/- 0.5% Reading + 0.5% Range + 1 Digit (Continuous)
- +/- 1.0% Reading + 1.0% Range + 1 Digit (Pulse > 0.01 Sec)

### Timer Ranges:

- 0-9999 Second
- 0-9999 Cycles

### Timer Accuracy:

- +/- 0.5% of Reading +/- 1 Count

### Dimensions and Weight:

- Height: 9 in. (228.6 mm)
- Width: 17 in. (431.8 mm)
- Depth: 13 in. (330 mm)
- Weight: 44 lb. (20 kg)

### Input Supply:

- 120 VAC +/- 10%, 50/60 Hz
- 600 VA Continuous, 3 kVA Peak

## SPECIFICATIONS<sup>1</sup>

### PI-250 Gen2 Output & Overload Capabilities

Output	Output Current	Overload	Duty	Max ON Time	Min OFF Time	Input Current	Max Input Current
3 VAC	250A	1X	100%	30 min	20 min	1.5A	7.5A
	500A	2X	25%	3 min	15 min	6A	12A
	750A	3X	12%	30 sec	4 min	12A	24A
	1000A	4X	6%	1 sec	1 min	24A	38A
6 VAC	125A	1X	100%	30 min	20 min	1.2A	5A
	250A	2X	25%	3 min	15 min	4.8A	10A
	375A	3X	12%	30 sec	4 min	9.6A	20A
24 VAC	500A	4X	6%	1 sec	1 min	19.2A	34A
	25A	1X	100%	30 min	20 min	1A	2A
	50A	2X	25%	3 min	15 min	3A	4A
	75A	3X	12%	30 sec	4 min	7A	8A
120 VAC	125A	5X	4%	1 sec	1 min	16A	28A
	5A	1X	100%	30 min	20 min	0.5A	1A
	10A	2X	25%	3 min	15 min	2.5A	5A
	15A	3X	12%	30 sec	4 min	5A	10A
	25A	5X	4%	1 sec	1 min	12A	24A

<sup>1</sup>Specifications are subject to change without notice.



### Standard Accessories:

Accessory	Part #	Quantity
Contact Leads	S-B367	1 EA
High Current Leads 1	S-B359	1 EA
High Current Leads 2	S-B480	1 EA
Power Cord	M-C491	1 EA
Technical Manual	S-A134	1 EA

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