

BGFS

Battery Ground Fault Simulator



- Ideal for battery ground fault location training and demonstration
- Create positive and negative ground faults
- Produce low and high resistance faults
- Design capacitive phantom faults
- Create multiple ground faults
- Operate with both the BGFT and BGL

DESCRIPTION

The Battery Ground Fault Simulator is a demonstration/training tool for the Megger Ground Fault Tracer (BGFT) and the Megger Battery Ground Locator (BGL). The instrument provides a simple and easy method for simulating different characteristic ground faults. It is capable of simulating positive or negative earth grounds, resistive and phantom capacitive grounds as well as single or multiple grounds. The battery ground fault simulator provides the ideal training platform for learning to characterize and locate battery ground faults.

FEATURES AND BENEFITS

- Versatile — ability to be used with BGFT and BGL
- Comprehensive training — potential to create multiple ground faults
- Complete instruction — capable of creating ground faults with high leakage current

APPLICATIONS

Learn how to characterize and locate battery ground faults with the Megger BGFT Battery Ground Fault Tracer.

Understand how to use the Wheatstone bridge on the BGFT to easily characterize a ground fault

Learn how to characterize and locate battery ground faults with the Megger BGL Battery Ground Fault Locator.

SPECIFICATIONS**Fault ranges**

50 to 330 k Ω resistive faults
4/7 μ F capacitive faults

Accuracy

Resistance \pm 5%
Capacitance \pm 5%

Temperature Range

Operating: 32° F to 104° F (0° C to 40° C)
Storage: -5° F to +131° F (-20° C to +55° C)
Humidity: 20 to 90% RH, noncondensing

Altitude

2000 m

Dimensions

Closed: 21.6 L x 11.8 W x 8.3 H in. (55 L x 30 W x 21 H cm)
Open: 21.6 L x 11.8 W x 5.5 H in. (55 L x 30 W x 14 H cm)

Weight

30.6 lb (13.9 kg)

ORDERING INFORMATION

Item (Qty)	Cat. No.
Battery ground fault simulator	BGFS

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