

CFL ACCESSORIES

Accessories for Megger CFL Equipment



- Enhances operator efficiency
- Simplifies difficult operations
- Designed for unique applications
- The right tools for the right job
- Additional safety

Megger offers a complete line of accessories to complement the comprehensive range of cable fault location and high-voltage testing equipment. Several are listed here, but there are others including manual and motorized cable drums. We are continually evaluating additional products as interest and specific applications arise.

Pinpoint Fault Locator

An accurate and rapid location can only be achieved by using a suitable acoustic and electromagnetic receiver. The MPP2000 is used to detect and accurately locate the position of faults by using the acoustic and electromagnetic signals emitted at a flashover/breakdown of a faulted cable. The strength of these signals are processed to provide relative distance to fault.



Discharge and Grounding Sticks

Following any application where high voltage has been applied to a test piece, it should be correctly discharged and subsequently grounded (earthed).

The Megger discharge and grounding sticks have a hook at the end which, when connected to the test piece, applies a resistance to discharge. The side hook applies a direct ground (earth) connection. The value and voltage rating of the resistor used for the discharge must be correctly rated for the capacitance and voltage of the test.



Noise Cancelling Headphones

When pinpointing, external noises, apart from being unpleasant, can be intrusive when locating faults with a low acoustic flashover. In such conditions, these ambient noise protection headphones are a benefit.



High-voltage Interconnect Accessories

The majority of cables in US networks are connected to what are known as “dead-front” transformers via a load break elbow. As such, it is often very difficult to connect as there is no “feed-through” termination or a “parking” bushing stinger.

The connection to the cable can be done with the operator having to physically touch the cable under test. The entire operation can be done safely using a standard “shotgun” hot stick.

15-kV High-voltage Interconnect Elbow/Pigtail

To connect to a cable, the HV interconnect elbow/pigtail is connected to the output cable of the CFL equipment via the output cable’s 10 mm MC connector.



15-kV High-voltage Load Break Elbow

When space is even more restricted, the load break elbow (without extension cable) can be used. In this instance, the elbow is connected to the transformer in the normal way with the output cable of the CFL equipment being connected to it via the HV clips of the output cables.



High-voltage Cable Connectors

We offer two styles of HV connectors, both of which are connected to the 10 mm MC connections of the HV cable. They can be interchanged to satisfy any specific application.

High Voltage Clamps

These heavy-duty clamps provide a convenient way of connecting to the cable under test.

Red (Female)
Black (Male)



High Voltage Vice Grips

For those areas where the connection point is corroded or where the clamps do not provide a secure enough connection these high-voltage vice grips can be used.

(Male)
(Female)



Transit Cases

Recognizing that our customers may need to transport a Megger cable fault location system from one site to another, we are pleased to be able to offer transit cases for the PFL40A and PFL22M series. These transit cases provide a safe and convenient way of transporting these and other systems that share the same frame size and dimensions.



Mobile Power Source (MPS)

The MPS is a portable field-proven mobile power supply for use where there is no suitable mains or generator supply available. It is a practical alternative where a "pure sine wave" with a low THD is required. The MPS, which is available in 120 or 230V configuration, is ideal for powering any Megger instrument (typically PFLs, PFFs, dc HiPots, TTRs and similar equipment), especially those that benefit from a clean portable power supply.



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ORDERING INFORMATION

Item (Qty)	Cat. No.	Item (Qty)	Cat. No.
Pinpointer	MPP2000	HV clamp, red (male)	P1001-021
Noise cancelling headphones	36162	HV clamp, black (female)	P1001-022
70-kV discharge stick	222070-62	HV vice grip (male)	P34692-1
120-kV discharge stick	222120-62	HV vice grip (female)	P34692-2
160-kV discharge stick	222160-62	Transit case for PFL22M	2001-289
15-kV interconnect elbow/pigtail	37311	Transit case for PFL40A	2001-288
15-kV HV load break elbow	37311-1	Mobile power source, 230 V	MPS230
		Mobile power source, 120 V	MPS120