

FOREIGN VOLTAGE DETECTOR (FVD)

Features

- Gives advance warning on extremely hazardous voltages
- Senses voltages without making metallic contact
- Indicates voltage both visually and audibly
- Suppresses 20 Hz ringing and frequencies higher than 200 Hz
- Housed in non-conductive material
- Exceeds dielectric strength test for greater than 20 KV
- UL listed to U.S. and Canadian safety standards
- NEBS compliant for Portable Test and Measurement Equipment
- Made in U.S.A.
- U.S. Patent No. 5,952,820

The Foreign Voltage Detector (FVD) tests for potentially hazardous AC voltage that may be encountered by communications technicians. The FVD warns technicians of hazardous voltage without making metallic contact.

The FVD provides visual indication of the amount of AC being detected on a 10 step bar graph. An audible alarm will sound if the detected AC voltage exceeds 50 volts.

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Model FVD

There are two models of leather pouches available that can be attached to the technician's tool belt. The Model FVDP is for carrying the FVD, and the Model FVDP3 is for carrying the FVD, scissors and knife.

The FVD replaces the 188A Test Set, but it has many more features. Some of these added features are its light weight, small size, senses voltages without making metallic contact, and suppression of 20 Hz ringing and frequencies higher than 200 Hz.

Telephone: 800-331-2246
E-mail: mail@BudcoCable.com
www.BudcoCable.com

FVD Specifications

Technical

Range	0 to 200 Vrms Higher voltages are displayed as >200 volts
Sensing Type	AC only
Frequency	50 to 150 Hz
Display	10 step LED bar graph, Log response
Audible Warning Frequency Level Threshold	2800 300 Hz Approximately 75 dba @ 1 foot >50 Vrms sensed voltage
Size	1.7" x .9" x 7.8"
Weight	4.8 ounces
Battery Type	One (1) 9 Volt Alkaline
Life	> 9 hours continuous when idle (bar graph LED not activate)

Environmental

Operating	-20 C to 50 C at 10% to 95% RH, non-condensing
Storage	-40 C to 85 C at 0 to 100% RH, non-condensing
Shock & Vibration	TR-EOP-000063 Compliant

Ordering Information

Model FVD	Foreign Voltage Detector
Model FVDP	Leather Pouch for FVD
Model FVDP3	Multi-Pocket Leather Pouch for FVD, Scissors and Knife
Model FVD/FVDP	Foreign Voltage Detector with Leather Pouch
Model FVD/FVDP3	Foreign Voltage Detector with Leather Pouch and Conductive Cap
Model FVDC	Conductive Cap for FVD
Model FVDV	Training Video for FVD

Model FVDP



Model FVDP3