

# FOREIGN VOLTAGE DETECTOR (FVD)

## Features

- 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



**Model FVD**

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.

**Telco Sales, Inc.®**  
118 Hilltop Business Drive  
Pelham, AL 35124

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: 205-403-0113 • 888-924-7610  
Fax: 205-403-0119  
E-mail: sales@telco-sales.com  
www.telco-sales.com

# FVD Specifications

## Technical

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

## Environmental

<b>Operating</b>	-20°C to 50°C at 10% to 95% RH, non-condensing
<b>Storage</b>	-40°C to 85°C at 0 to 100% RH, non-condensing
<b>Shock &amp; Vibration</b>	TR-EOP-000063 Compliant

## Ordering Information

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

**Telco Sales, Inc.®**  
118 Hilltop Business Drive  
Pelham, AL 35124  
Telephone: 205-403-0113 • 888-924-7610  
Fax: 205-403-0119  
E-mail: sales@telco-sales.com  
www.telco-sales.com



**Model FVDP**

**Model FVDP3**