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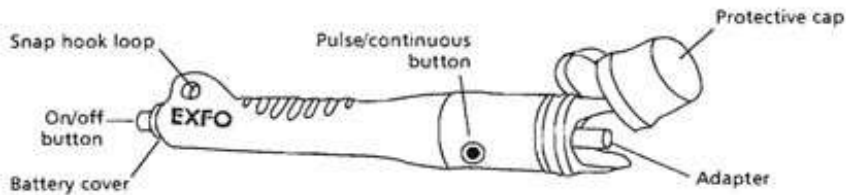
**FLS-240**  
Pocket Pal Visual Fault Locator



# 1 Introducing the FPM-300/FLS-300/FOT-300 Power Meter/Light Source/Optical Loss Test Set

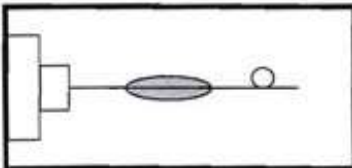
## Main Features

The Power Meter/Light Source/Optical Loss Test Set is a visual fault locator that emits a pulsating or continuous (CW) bright red laser signal, often visible through the patchcord jacket, at the exact fault location, in both singlemode and multimode fibers.

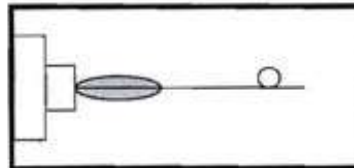


Your Power Meter/Light Source/Optical Loss Test Set can be used in different ways, including the following:

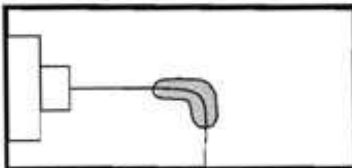
- Detecting breaks in OTDR dead zone



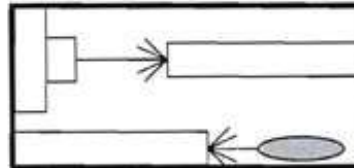
- Detecting defective connectors



- Highlighting sharp bends where losses occur

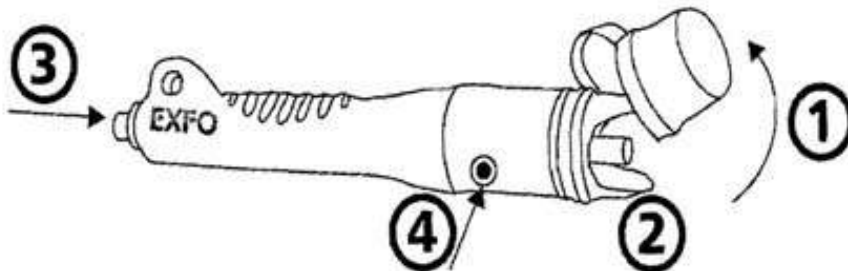


- Ensuring end-to-end fiber identification in multifiber cables





### 3 Operating Your Power Meter/Light Source/Optical Loss Test Set



**To activate the Power Meter/Light Source/Optical Loss Test Set's VFL:**

1. Remove the protective cap.
2. Connect the fiber you want to use to the adapter. Ensure that the connector is inserted all the way into the adapter.
3. Press the on/off button to turn the VFL laser on in pulsating mode.
4. If you want a continuous signal, press the red-circled button on the safety sticker. Press it again to return to pulsating signal.



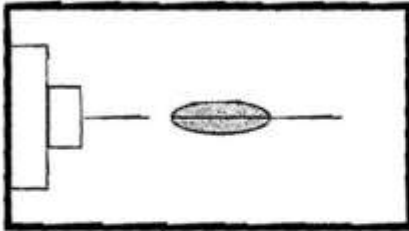
#### **WARNING**

When the VFL is activated, visible laser radiation is emitted from the VFL port. Avoid exposure and do not stare directly into the beam.

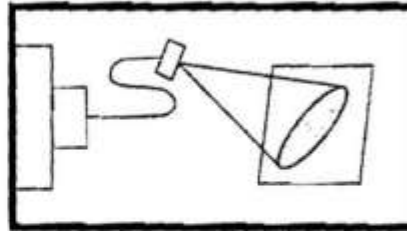
**To deactivate the Power Meter/Light Source/Optical Loss Test Set's VFL:**

1. Press the on/off button again. Doing so also reverts signal to pulsating mode.
2. Disconnect the fiber from the adapter.
3. Put the protective cap back in place to avoid damaging or dirtying the adapter.

- Optimizing mechanical/fusion splices



- Detecting major scratches on connector surfaces



## Conventions

Before using the product described in this guide, you should understand the following conventions:



### WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in *death or serious injury*. Do not proceed unless you understand and meet the required conditions.



### CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in *minor or moderate injury*. Do not proceed unless you understand and meet the required conditions.



### CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in *component damage*. Do not proceed unless you understand and meet the required conditions.



### IMPORTANT

Refers to information about this product you should not overlook.

# 4 Maintenance and Troubleshooting

## Cleaning the Connector Adapter

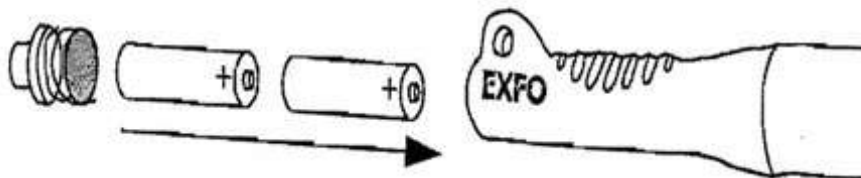
To prevent dust and dirt from entering the connector, always replace the protective cap on the adapter when not in use. Clean the adapter using a lint-free swab dipped in isopropyl alcohol (98 % pure or more). Then, blow-dry with compressed air.

## Replacing Batteries

Your Power Meter/Light Source/Optical Loss Test Set requires two AAA-size batteries to function.

### **To replace batteries:**

1. Unscrew the push button to open the battery compartment.
2. Remove the old batteries and replace them with two new ones, positive pole first.



3. Screw the push button back in place.

# A Technical Specifications



## IMPORTANT

The following technical specifications can change without notice. The information presented in this section is provided as a reference only. To obtain this product's most recent technical specifications, visit the EXFO Web site at [www.exfo.com](http://www.exfo.com).

### SPECIFICATIONS <sup>a</sup>

	FLS-240
Operation (Hz)	2 to 4
Wavelength (nm)	630 to 645
Emitter type	Laser
Power output (typical) (mW)	0.6
Distance range <sup>a</sup> (typical) (km)	5
Operation mode	Pulsed and CW

### GENERAL SPECIFICATIONS

Power supply	2 AAA alkaline batteries	
Laser class	2	
Battery life <sup>b</sup> (h)		
flashing	50	
Length	17.5 cm	(6 7/8 in)
Maximum diameter	2.5 cm	(1 in)
Weight		
without batteries	80 g	(4.8 oz)
with batteries	120 g	(6.3 oz)
Temperature		
operating	-10 °C to 50 °C	(14 °F to 122 °F)
storage	-30 °C to 60 °C	(-22 °F to 140 °F)

### STANDARD ACCESSORIES

User guide, two AAA alkaline batteries, belt clip and Certificate of Compliance.