

# Exfo optical power meter error adjustment



## Overview

This application note demystifies how EXFO's IQS-12002 Optical Calibration System can guide you through the calibration of power meters, covering issues such as traceability and technical characteristics of detectors, while explaining the procedure in detail. Conventions Before using the product described in this guide, you should understand the following. Be used as a standard optical power meter (OPM operation mode). Port 1: 1310 nm (ONT) Port 2: 1490 nm (OLT)/1550 nm (video) Pass-through device (spy mode): does not block communication between ONT and OLT. Allows triple-play testing (voice, video and data). -101 SCPI-Based Errors96 PM-1100-300 "Invalid state." The state of the PM-1100 is not compatible with the command sent. Find the answers you're looking for. By doing so you will now be able to stay up to date with. An essential device in today's field toolkit which combines seamless reporting capabilities and ease of use in a pocket-sized form factor.



## Article Content

Oct 29, 2025

Optical Power Expert | Spec sheet | EXFO

Designed for extended use in the field, the Optical Power Expert delivers best-in-class optical performances day in, day out. EXFO's track-record of robustness, backed with IP54 design for water

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Power Meter Calibration At EXFO

The IEC has standardized power meter calibration in IEC 61315 Calibration of fiber-optic power meters. During the development stage of the EPMCS, special care was taken to ensure compliance with the

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The allowed deviation is the difference between the measurement of the power meter under test and the reference standard; this is a key factor in the determination of

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EXFO Power Meter Calibration

Power Meter calibration, it is not enough to state that an instrument complies with published specifications; it is necessary to be ready to prove.

Apr 07, 2026

Optical Power Expert

Absolute Power measurement appears outside of specifications (small error) Fiber Optic testing All fiber optic power meters 2022-06-17

Apr 04, 2026

POWER METER/LIGHT SOURCE/ OPTICAL LOSS TEST SET

The power meter connected to this source displays the power value for each wavelength one at a time. The wavelength value appearing on the display changes every two seconds.

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Introducing the PXM and LXM MPO Loss Test Set Solution The PXM Power Meter and LXM MPO Light Source test sets are an MPO 12 native power meter and

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### Power meters for fiber networks | EXFO

Power meters Power meters are a toolbox essential for all technicians installing or maintaining any type of fiber networks. From general-purpose meters to meters optimized for certain types of

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### EXFO PM-1100 Optical Power Meter : User guide

1 Introducing the PM-1100 Optical Power Meter The PM-1100 Optical Power Meter provides accurate power measurements over a wide dynamic range with high resolution and excellent linearity.

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### Exfo FPM-600 Power Meter

Professional Exfo FPM-600 Power Meter calibration services, repair, sales and rental.

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### EXFO FPM-FLS-600 User Guide

Your source can transmit a user-defined power value to compatible power meters (such as FPM-600) through the fiber. If the reference source is far from the power meter, you can connect your source to

Mar 16, 2026

### EXFO FPM-350C User Guide

For this reason, once the correction factors are applied, your PON Power Meter may display "HI" or "LO", indicating the power levels are no longer within the unit's power limits.

Apr 17, 2026

### EXFO EPM-ELS-50 User Guide

Typical Applications The units offer specific typical applications. EPM-50 Power Meter:  
) High power model for CATV and Telco applications ) Enterprise/LAN for singlemode and multimode

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application note 015 Calibration of optical power meters

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User Guide FPM-FLS-FOT-600 English (1053212)

FPM/FLS/FOT-600 This user guide covers the following products (unless otherwise specified, descriptions apply to all): 3 FPM-600 Power Meter 3 FLS-600 Light Source 3 FOT-600 Optical Loss

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