

How much does an EXFO optical power meter cost



Overview

Amazon.com: Optical Power Meter Exfo3-in-1 Fiber Tester OPM+VFL with LED, 1-Pack | Visual Fault Locator, Portable Optical Power Meter (-70~+10dBm). Portabl.

Key Takeaways

EXFO optical power meters typically range from several hundred to several thousand dollars, depending on the model and features. Price Overview

EXFO offers a variety of optical power meters, including field meters like the PX1-Pro and benchtop or modular units. The PX1-Pro, designed for high-accuracy field testing, ruggedized for IP54 protection, and capable of measuring low-power signals down to -70 dBm, is considered a premium model. Its price reflects its accuracy, durability, real-time diagnostics, and suitability for high-stakes telecom deployments. For more general or entry-level EXFO meters, prices can vary widely. Some online suppliers list EXFO optical power meters starting from around \$6.50, though this may reflect small components, accessories, or bulk pricing rather than full-featured meters. Typical field-ready meters for professional use generally cost from \$1,000 to \$5,000 or more, depending on the wavelength range, measurement sensitivity, and additional features like USB connectivity, auto wavelength detection, or modular compatibility.

Factors Affecting Cost

- Model Type: PX1-Pro and PX1-S-Pro are high-end field meters; benchtop or modular meters may be less expensive.

- **Measurement Range:** Meters capable of detecting very low optical power (e.g., -70 dBm) are more costly.
- **Durability and Design:** Ruggedized, water- and dust-resistant meters (IP54) command higher prices.
- **Features:** Real-time diagnostics, data logging, multi-wavelength support, and user-friendly interfaces increase cost.
- **Accessories:** Optical heads, connectors, and calibration kits can add to the total price.

Practical Considerations

For field engineers or telecom technicians, investing in a PX1-Pro or PX1-S-Pro can be cost-effective due to time savings and reliability in network validation, especially in high-stakes deployments where downtime is expensive . For lab or educational purposes, lower-cost EXFO meters may suffice, offering accurate measurements across standard wavelength ranges without the premium field features . In summary, EXFO optical power meters range from a few hundred dollars for basic units to several thousand dollars for advanced field meters, with the PX1-Pro series representing the higher end of the spectrum due to its precision, ruggedness, and advanced diagnostic capabilities .

Article Content

Amazon : Optical Power Meter Exfo

3-in-1 Fiber Tester OPM+VFL with LED, 1-Pack | Visual Fault Locator, Portable Optical Power Meter (-70~+10dBm). Portable for

Amazon : "exfo"

EXFO OTDR MAX-730C-SM2-OPM2 Including OTDR Module + IOLM Function + OPM2, with Power Meter and VFL, 1310/1550nm,

Power meters for fiber networks | EXFO

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

Exfo Optical Power Meter

Discover EXFO optical power meters with precise dB/dBm/W measurements, PON testing, and trusted CE certification

EXFO PX1-PRO-S Optical Power Expert Power Meter

The EXFO PX1-S-PRO-FOAS-U25 Standard Pro Optical Power Meter offers Bluetooth connectivity, standard power measurement

EXFO Test, Measurement & Inspection Equipment

EXFO PON Power Meter PPM-350C-VZ1 Optical Power Meter Without Power Supply Used Pre-Owned · EXFO \$106.00 or Best Offer

Low Price EXFO Power Meter Mini Design & LCD Screen | Alibaba

An EXFO power meter is a precision optical test instrument designed to measure the power level of light signals transmitted through

EXFO Multi-fiber Power Meter

Multi-fiber Power Meter Insertion loss measurement Leading FasTest performance: test MPO-12 cables at 2wavelengths in just 1

EXFO FiberBasix EPM-50 Optical Power Meter

EXFO EPM-50 optical power meter: InGaAs detector, 300-hour battery, $\pm 5\%$ accuracy, 0.01dB resolution,

EXFO PX1 Optical Power Expert Power Meter

Designed for extended use in the field, the Optical Power Expert delivers best-in-class optical performances day in, day out. EXFO's

Amazon : Exfo

EXFO Optical Fiber Power Meter EPM-50 OPM Tester Range -60dB to 10dBm with 5 Wavelengths for Telecom EXFO OTDR Max

EXFO Optical Power Expert PX1-S / PX1-PRO-S

The power meter comes with best-in-class performances, a wide color touchscreen and an intuitive graphical interface. Pocket-sized

EXFO EPM 50 Optical Power Meter

Shop for EXFO EPM 50 optical power meters and other top-quality testers. Reliable, accurate, and durable. Perfect for fiber optic and

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

EXFO PX1 | Optical Power Expert | Optical Power Meter

EXFO Optical Power Expert PX1: optical power meter with Bluetooth connectivity, a wide touchscreen and best-in-class optical

Original EXFO FPM-300 Fiber Optical Power Meter FPM-302-XX

Original EXFO FPM-300 Fiber Optical Power Meter FPM-302-XX Optic Cable Tester Multimeter Ge Detector:

EXFO PXM-LXM-SM1 Singlemode Tier-1 Optical Power

EXFO - PXM-LXM-SM1 Tier-1 MPO-12 fiber certification power meter and light source kit with fastest loss

EXFO PX1-S-FOAS-U25 Standard Optical Power Expert

The EXFO PX1-S-FOAS-U25 Optical Power Meter offers Bluetooth connectivity, standard power measurement range 10 dBm to -70

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

