

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

Exfo PPM-350D Next-Gen PON Power Meter

Calibrated wavelengths nm: 1270 / 1310 / 1490 / 1534 / 1550 / 1578 / 1600 / 1610 Max total safe power OLT path dBm: 17 to 27 (wavelength dependent) Optional VFL typical Pout 62.5/125 um: greater than -1.5 dBm (0.7 mW) Specs from EXFO PPM-350D OEM spec sheet (PPM350D.7EN). Confirm PON option (SR/D/DR), VFL option, and faceplate EUI connector. Spectral passband notes apply per model (e.g. 1555 nm $\pm$ 5 nm excluded on DR for some bands). Max total safe power OLT path dBm: 17 to 27 (wavelength dependent) Optional VFL typical Pout 62.5/125 um: greater than -1.5 dBm (0.7 mW) Specs from EXFO PPM-350D OEM spec sheet (PPM350D.7EN). Confirm PON option (SR/D/DR), VFL option, and faceplate EUI connector. Spectral passband notes apply per model (e.g. 1555 nm $\pm$ 5 nm excluded on DR for some bands).



MODEL

Exfo PPM-350D

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PPM-350D

LISTING

<https://aumictechlabs.com/products/ppm-350d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO PPM-350D is a PON power meter engineered for field testing and troubleshooting of Passive Optical Networks across FTTH and enterprise deployments. It automatically detects and adapts to active PON technology - from legacy GPON and EPON to next-gen XGS-PON and NG-PON2 - eliminating manual configuration and reducing test errors. The meter handles single-layer, dual-layer, and triple-layer network scenarios, including RF video overlays, with integrated pass-

through mode for non-disruptive ONT/ONU verification. Technical Specifications PON Technology Compatibility: GPON (ITU-T G984.2), EPON (IEEE 802.3), XG-PON (ITU-T G987.2), XGS-PON (ITU-T G987.2), NG-PON2 (ITU-T G989.2), and 10G-EPON (IEEE 802.3) Wavelength Support: Detects and switches between upstream and downstream wavelengths; upstream active at 1270 nm for XGS-PON, downstream at 1550 nm for RF-Video Power Measurement: Pass/fail LED indicators for upstream and downstream channels Loss Testing Mode: Insertion loss measurement with reference-setting capability; compatible with portable light sources and OLT transmit cards Data Storage: Internal capacity for up to 1000 or 3500 test results (configuration-dependent) Optical Connectors: SC/APC Battery: Rechargeable with up to 8 hours continuous operational autonomy Dimensions: 154.14 mm × 88 mm × 41.15 mm Weight: 420 g Key Features PON-Aware™ technology for automatic PON type detection and parameter adaptation Multi-layer testing capability for complex hybrid deployments Bluetooth and USB connectivity for data transfer and device management Android and iOS mobile app integration for configuration, result storage, and report generation Service activation reporting via mobile device or cloud-hosted solutions AC adapter/charger included Typical Applications Network acceptance testing and commissioning Field troubleshooting and maintenance diagnostics Fiber insertion loss characterization ONT/ONU verification without service disruption Compatibility & Integration The PPM-350D supports both legacy and PON standards within a single test cycle, making it suitable for heterogeneous network environments. Mobile app integration enables field personnel to create comprehensive activation reports and share compliance data directly from the test site.

Features & description

From manufacturer datasheet

Features

- PON-aware automatic technology detection and threshold adaptation

Applications

- Single-layer and multi-layer PON service activation at the customer premises

PPM350D Characteristics / Specifications

PARAMETER	VALUE
Model	PPM-350D
Manufacturer	EXFO
Instrument Type	Handheld PON Power Meter
Fiber type	Singlemode
Connector interface class	SC/APC typical (EUI APC options)
Display resolution	0.01 dB / 0.01 dBm
Measurement units	dB, dBm
Storage capacity	up to 3500 results
Battery autonomy	8 hours continuous use
Battery charge time	less than 2 hours
DimensionsHxWxD	154 mm x 88 mm x 41 mm
Display size	69 mm (2.7 in)
Weight	420 g (0.93 lb) typical
Display type	Reflective
Display pixel count	400 × 240
Operating temperature	0 C to 50 C
Storage temperature	-40 C to 70 C
Connectivity USB	USB TypeC Connectivity wireless: Bluetooth Low Energy
Smart device OS Android	Android 6 and above
Smart device OS iOS	iOS 11 and above
Enclosure rating	IP54
Warranty years	1
Pass through insertion loss	1.5 dB typical
ORL	60 dB typical at calibrated wavelength with SC/APC
Power uncertainty	0.5 dB typical at calibrated wavelength, 2 dBm CW

PARAMETER	VALUE
Upstream 1270 nm burst range dBm	-10 to 13 (typical)
Upstream 1310 nm burst range dBm	-30 to 13 (typical)
Upstream 1524 to 1544 nm burst range dBm	-10 to 13 (typical)
Downstream 1490 nm range dBm	-50 to 13
Downstream 1550 nm range dBm	-35 to 26
Downstream 1577 to 1578 nm range dBm	-50 to 17
Downstream 1596 to 1603 nm range dBm	-50 to 17
Calibrated wavelengths nm	1270 / 1310 / 1490 / 1534 / 1550 / 1578 / 1600 / 1610
Max total safe power ONT path dBm	16
Max total safe power OLT path dBm	17 to 27 (wavelength dependent)
Three PON option configurations	SR (single layer + RF), D (dual layer), DR (dual layer + RF)

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 C to 70 C
Operating temperature	0 C to 50 C
Operating Temperature	0 C to 50 C
Connectivity USB	USB TypeC Connectivity wireless: Bluetooth Low Energy
Smart device OS Android	Android 6 and above
Smart device OS iOS	iOS 11 and above
Enclosure rating	IP54
Warranty years	1
Pass through insertion loss	1.5 dB typical
ORL	60 dB typical at calibrated wavelength with SC/APC
Power uncertainty	0.5 dB typical at calibrated wavelength, 2 dBm CW
Upstream 1270 nm burst range dBm	-10 to 13 (typical)
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Upstream 1524 to 1544 nm burst range dBm	-10 to 13 (typical)
Downstream 1490 nm range dBm	-50 to 13
Downstream 1550 nm range dBm	-35 to 26
Downstream 1577 to 1578 nm range dBm	-50 to 17
Downstream 1596 to 1603 nm range dBm	-50 to 17
Calibrated wavelengths nm	1270 / 1310 / 1490 / 1534 / 1550 / 1578 / 1600 / 1610
Max total safe power ONT path dBm	16
Max total safe power OLT path dBm	17 to 27 (wavelength dependent)

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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PARAMETER	VALUE
Model	PPM-350D
Manufacturer	EXFO
Instrument Type	Handheld PON Power Meter
Specifications	
PARAMETER	VALUE
Fiber type	Singlemode
Connector interface class	SC/APC typical (EUI APC options)
Display resolution	0.01 dB / 0.01 dBm
Specifications	
PARAMETER	VALUE
Measurement units	dB, dBm
Storage capacity	up to 3500 results
Battery autonomy	8 hours continuous use
Specifications	
PARAMETER	VALUE
Battery charge time	less than 2 hours
DimensionsHxWxD	154 mm x 88 mm x 41 mm
Display size	69 mm (2.7 in)
Specifications	
PARAMETER	VALUE
Weight	420 g (0.93 lb) typical
Display type	Reflective
Display pixel count	400 x 240

Specifications

PARAMETER	VALUE
Operating temperature	0 C to 50 C
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Specifications

PARAMETER	VALUE
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Smart device OS iOS	iOS 11 and above
Enclosure rating	IP54

Warranty years: 1

Specifications

PARAMETER	VALUE
Pass through insertion loss	1.5 dB typical
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Upstream 1270 nm burst range dBm: -10 to 13 (typical)

Upstream 1310 nm burst range dBm: -30 to 13 (typical)

Upstream 1524 to 1544 nm burst range dBm: -10 to 13 (typical)

Specifications

PARAMETER	VALUE
Downstream 1490 nm range dBm	-50 to 13
Downstream 1550 nm range dBm	-35 to 26
Downstream 1577 to 1578 nm range dBm	-50 to 17

Specifications

PARAMETER	VALUE
Downstream 1596 to 1603 nm range dBm	-50 to 17
Calibrated wavelengths nm	1270 / 1310 / 1490 / 1534 / 1550 / 1578 / 1600 / 1610
Max total safe power ONT path dBm	16

Max total safe power OLT path dBm: 17 to 27 (wavelength dependent)

Optional VFL wavelength: 650 nm ± 10 nm

Optional VFL modes: CW / modulate 1 Hz

Optional VFL typical Pout 62.5/125 um: greater than -1.5 dBm (0.7 mW)

Optional VFL laser safety: Class 2

Notes

Specs from EXFO PPM-350D OEM spec sheet (PPM350D.7EN). Confirm PON option (SR/D/DR), VFL option, and faceplate EUI connector. Spectral passband notes apply per model (e.g. 1555 nm $\pm$ 5 nm excluded on DR for some bands).

Laser Safety

laser safety: Class 2 Notes Specs from EXFO PPM-350D OEM spec sheet (PPM350D.7EN). Confirm PON option (SR/D/DR), VFL option, and faceplate EUI connector. Spectral passband notes apply per model (e.g. 1555 nm $\pm$ 5 nm excluded on DR for some bands).

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.