



# Precision Rated Optics

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Manufactured, Sold, Serviced and Supported in the USA!

## OLM-200 Series

## Optical Loss Tester / OLTS

Auto Wavelength Recognition



### Ideal for Network Characterization

A versatile, convenient "all-in-one" handheld Optical Loss Test Set (OLTS), the OLM-200 Series features pass/fail LED indicators and the ability to set the network thresholds based on network engineering power-loss design. Utilizing built-in "Meter Data Manager" software, the OLM-200 can store up to 999 data items. Stored information can be uploaded via USB to PRO's FiberBase™ asset management software, quickly establishing a detailed database.

The OLM-200 Series can also create test reports, including certification of the link with pass/fail information. When in "Twin" mode, the "Auto Wavelength Recognition" feature automatically toggles between available wavelengths, the power meter then recognizes the wavelength in use and automatically matches the calibration parameter, ensuring error-free results every time. With a press of a button, you can store results for all wavelengths at once, providing easy and error-free loss testing and characterization.

In addition to advanced Network Characterization features, the highly-accurate OLM-200 offers six calibrated wavelengths, including all FTTH wavelengths (1310, 1490 & 1550 nm) for PON network characterization. Additionally, quick and simple fiber identification is achieved by using the "Modulation" feature. Modulation schemes are sent via light source to the power meter, allowing the technicians to easily identify the correct fiber prior to testing.

### SPECIFICATIONS

Item / Model No.	OLM-201A / OLM-201B	OLM-202A / OLM-202B	
Light Source	Output Wavelength (nm)	1310/1550	1310/1490/1550
	Connector	Interchangeable FC/SC/ST	
	Modulation Frequencies (Hz)	270/1K/2K	
	Output Power (dBm)	-5dBm ± 0.5	
	Stability Long-Term (8h) (dB)	± 0.1@1310/1550nm; ± 0.2@1490nm	
	Stability Short-Term (15min) (dB)	± 0.05@1310/1550nm; ± 0.1@1490nm	
	Wavelength Recognizing Code	Yes	
Power Meter	Measuring Range (dBm)	(A) -70 ~ +10 / (B) -50 ~ +26	
	Calibrated Wavelength	850/1300/1310/1490/1550/1625 (nm)	
	Connector	Interchangeable FC, SC, ST (APC Optional)	
	Data Storage (items)	999	
	Ref. Value	Yes	
	Display Units	dB / dBm / mW / uW	
	Display Precision (dB)	0.01	
	Accuracy (nW)	± 5% ± 1	
	Wavelength Recognition	1310/1490/1550 (Input Power > -40dBm)	
	Tone Detection	270 Hz / 1KHz / 2KHz (Input Power > -40dBm)	
General Specification	Auto Power Off	Yes	
	Power Supply	2000mAh NiMH 1.2V, (x2), AC/DC Adaptor	
	PC Interface	USB	
	Battery Life	> 100 Hours (Laser Off)	
	Operating Temperature	14° F ~ 122° F (-10° C ~ 50° C)	
	Storage Temperature	-4° F ~ 158° F (-20° C ~ 70° C)	
	Environmental Conditions	< 90% (Humidity, Non-Condensing)	
	Weight & Dimensions (HxWxD)	6.6" x 3" x 1.70" / 11oz (168 x 76 x 43mm / 310g)	
Warranty	Standard 3-Year Manufacturer Warranty (Extended Warranty Available)		

### FiberBase® Enabled

- Perfect for Bi-directional Testing
- Auto Wavelength Recognition
- Modulation for Fiber Identification
- Data Storage up to 999 Items
- USB Interface
- Data Management Software (FiberBase Enabled)

#### OLM Series Standard Package Includes:

User Manual, Rechargeable Batteries, Interchangeable FC/SC/ST Connectors (APC Optional), Worldwide-Compatible AC/DC Power Adapter, "Meter Data Manager" Software, USB Cable, Soft Carrying Case

#### Ordering Information

OLM-201A	1310/1550nm (-70 ~ +10) Optical Loss Tester
OLM-201B	1310/1550nm (-50 ~ +26) Optical Loss Tester
OLM-202A	1310/1490/1550 (-70 ~ +10) Optical Loss Tester
OLM-202B	1310/1490/1550 (-50 ~ +26) Optical Loss Tester

P/N: PRO-OLM-Series-M v.6.26.14

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