

## PRO - PON-301 PON Meter

PRO's advanced PON-specific power meter, the PON-301, is the flagship of PRO's test instruments, specifically intended for FTTH and FTTP systems. The PON-301 is the ideal tool for FTTH/FTTP service activation and field application troubleshooting.

### SPECIFICATIONS

	FC/PC	SC/PC	ST/PC
<b>Measurement Range</b>	1310nm(Burst Mode)	1490nm	1550nm
	-25dBm~+5.5dBm	-30dBm~+15dBm	-40dBm~+20dBm
<b>Spectral Passband</b>	1310nm	1490nm	1550nm
	1260nm~1360nm	1480nm~1550nm	1539nm~1565nm
<b>Insertion Loss</b>	1.5dB		
<b>Accuracy</b>	± 0.5dB		
<b>Linearity</b>	± 0.2dB		
<b>Display</b>	2.8 inch TFT LCD		
<b>Refresh Rate of Display</b>	2.5Hz		
<b>Threshold</b>	10 sets(configured via PC-based software)		
<b>Number of Ports</b>	2(1 for ONU,1 for OLT& Video)		
<b>Operating Temperature</b>	14 to 122 °F (-10 to +50 °C)		
<b>Relative Humidity</b>	0%~95%,non-condensing		
<b>Power Supply</b>	1.2V*4pcs Ni-MH AA;12V AC/DC Adapter		
<b>Battery life</b>	>20 hours		
<b>Dimension</b>	7.5 x 4.1 x 2.2 in (190 x 105 x 55 mm)		
<b>Net Weight</b>	1.5 lbs (700g)		

### Features:

- Pass-through connection for ONT signal measurement
- Simultaneous measurement of all PON signals
- Filtered detectors for individual measurements of each wavelength
- Upstream burst detection at 1310 nm

### Standard Accessories:

FC/PC,SC/PC,ST/PC interchangeable connector, manual, travel bag, software (CD), USB cable, Batteries, AC/DC adapter, and test report.

APC Available on Request



### ORDERING INFORMATION

PON-301	PRO PON - 301
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### OPTIONAL ACCESSORIES:

PMA-LC	LC Adapter	PMA-U25	2.5mm Universal Adapter
PMA-E2000	E2000 Adapter	PMA-U125	1.25mm Universal Adapter

## PRO - OVA-201S / 202S Optical Attenuator



The OVA2 digital variable optical attenuator is a compact, portable instrument widely used in fiber link certification and routine maintenance as well as in a lab environment.

### Application:

- Maintenance of Telecom Systems
- Maintenance of CATV Systems
- Fiber Optic Transmission System & Test Lab
- Various other Trouble Shooting Applications

### Standard Accessories:

FC/PC,SC/PC,ST/PC interchangeable connectors, Carrying Case, User Manual, Rechargeable Battery, Worldwide Compatible AC/DC Adapter/Charger

### Optional Accessories:

Various connector adapters

### SPECIFICATIONS

	OVA-201S	OVA-202S
<b>Attenuation Range</b>	0~80dB	0~60dB
<b>Fiber Type</b>	SMF 9/125 μm	
<b>Calibrated Wavelengths</b>	1310nm/1550nm	
<b>Linearity</b>	≤0.3dB	
<b>Accuracy</b>	0.2dB @3~30dB 1.0dB @ 30~60dB 2.0dB@60~80 dB	0.2dB @3~20dB 0.5dB @ 20~50dB 1.0dB@50~60 dB
<b>Insert Ion Loss</b>	<3dB	
<b>Return Loss</b>	>50dB(PC)	
<b>Max Input Power</b>	24dBm	
<b>Power Supply</b>	1.2 V Ni-MH Battery * 2pcs	
<b>Connector</b>	Interchangeable FC/PC, SC/PC, ST/PC connectors.(FC/APC, SC/APC are available at time of ordering)	
<b>Operating Temperature</b>	-10 °C to 50 °C	
<b>Storage Temperature</b>	-20 °C to 60 °C	
<b>Relative Humidity</b>	0%~95% (non-condensing)	
<b>Dimension</b>	160L*76W*45H(nm)	
<b>Weight</b>	360g(Battery included)	

### ORDERING INFORMATION

OVA-201S	Optical Attenuator
OVA-202S	Optical Attenuator