

PON Optical Power Meter

- It can experiment at Voice, data and video signal synchronous measurement and display on BPON/EPON/GPON.
- Providing simultaneous measurement for all three wavelengths on the fiber (1490nm, 1550nm,1310nm).
- Used in Burst mode measurement of 1310nm upstream.
- Use the software connect with PC, setting the threshold, data transfer, and calibration the wavelength.
- USB communication port enables data transfer to a PC.1000measurement items can be saved in OPM-301 PON power meter or computer for data review.
- Optional Chinese/English display.
- Offers up to 10 different threshold sets in total,Three status LEDs represent different optical signal conditions of Pass, Warn and Fail respectively.
- 10 minutes Auto-off function can be activated or deactivated
- Good key design,high sensitivity, greatly reducing the volume and weight of the tester.

PON module:	301
1310 upstream measurement	
Pass Zone(nm)	1260nm~1360nm
Measurement Range(dBm)	-40dBm~+10dBm
Output power(max)	15dBm
Isolation@ 1490/1550(dB)	>40dB
Burst mode measurement error	<±0.5dB
1490 downstream measurement	
Pass Zone(nm)	1470nm~1505nm
Measurement Range(dBm)	-40dBm~+10dBm
Output power(max)	15dBm
Isolation@ 1310/1550(dB)	>40dB
1550 downstream measurement	
Pass Zone(nm)	1535nm~1570nm
Measurement Range(dBm)	-40dBm~+10dBm
Output power(max)	25dBm
Isolation@ (1310/1490nm)	>40dB
Measurement Accuracy	
Connatural uncertainty(dB)	±0.5dB
Linearity(dB)	±0.1dB
Passing through insertion Loss(dB)	<1.5dB
General Information	
Detector Type	InGaAs



Optical Connector	FC/SC/ST Interchangeable/2.5 universal adapter
Fiber Type	SM 9/125um
Measurement Unit	dB/dBm/xW
Resolution (dB)	0.01dB
Operation Voltage(V)	DC 3.3V~5.5V
Power Supply	3pc1.5V battery
Continuously Operation time (h)	PON: 90h
Operation Temperature(°C)	-10°C ~ 60°C
Storage temperature(°C)	-25°C ~ 70°C
Weight(kg)	423g

