

# 18 Channel CWDM Optical Power Meter

## Features:

- Multi-channel & power measurements for CWDM-PON, E-PON system
- Integrated graphic mode and text mode display
- 18 channel measurement at a time
- Simultaneously display optical wavelength and optical power measurement
- High performance and high accuracy testing with high reliability
- Compact design and user friendly interface
- Data transfer port

## Applications:

- System Wavelength & Power Testing
- CWDM System Testing
- E-PON System Testing
- Simple Optical Power Measurements
- Coarse WDM Wavelength Distinction
- FTTH Outside Plant Installation



## Descriptions:

- The 18Ch CWDM Optical Power Meter is inexpensive, easy to use and portable.
- Power measurements in dBm/dB and the detected wavelength are simultaneously displayed on the LCD screen which is easy to read.
- It totally measures eighteen CWDM wavelengths (1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610nm).
- It can be adapted to testing CWDM systems.
- It has a compact handle case with a backlight graphic LCD, 5-key keypad and batteries.

## Key Specifications:

Parameter	Unit	
Wavelength Range	nm	1270~1610
Channel Number	Ch	18
Measure Wavelengths Select 18ch	nm	1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610
Display Resolution	nm	20
Optical Power		
Measurement Range	dBm	-40~+5
Accuracy	dB/dBm	+/-0.5
Measurement Units		dB/dBm
General		
Storage Temperature	°C	-10~70
Operating Temperature	°C	-5~55

## Mechanical Specification:

Parameter	Specification	Notes
Connector Type	FC/APC SC/APC Universal connector	
Mechanical Size	150 `80 `35mm	

## Display Mode:

Wavelength		dBm
1450	█	-25.00
1470	█	-20.00
1490	█	-20.00
1510	█	5.00
1530	█	-25.00
1550	█	-25.00
1570	█	-25.00
1590	█	-25.00
1610	█	-25.00