

Optical Wavelength Analyzer

**DESCRIPTION:**

Optical Wavelength Analyzer is designed to measure both wavelength and optical power of multi wavelength optical signals in WCDMA, CWDM-PON and WDM-PON system that uses multiple optical carriers with different wavelengths. It is so compact and mechanically stable that it is suitable for outdoor field application.

SPECIFICATIONS:

Parameter	Typical
Wavelength range	1260 ~ 1620 nm
No of optical channel	16
Wavelength (nm)	1270/1290/1310/1330/1350/1410/1430/1450 1470/1490/1510/1530/1550/1570/1590/1610
Wavelength resolution	20nm
Dynamic range	+ 10dBm to -40dBm
Absolute accuracy	< ±0.5 dB
Power resolution	0.01 dB
Units	dBm / dB / mW
Power supply	Rechargeable Lithium Ion Batteries
Optical interface	9/125um SC/APC or FC/APC
No of calibrated wavelengths	800
Photo diode	InGaAs
Operating Temperature	0 ~ +50 °
Dimension	74 x 192 x 38 mm
Weight	325g

STANDARD PACKAGE:

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|--------------------------|--------------------------|
| 1 USB Data Cable | 1 Typical 24-pin Charger |
| 1 Urethane Handheld Case | 1 User Manual |
| 1 Installation CD | 1 Necklace |

FEATURES:

- Simultaneous measurement of both optical power and wavelength in WDM system
- Compact size, excellent portability and easy operation
- Applicable for wavelength optical network such as CWDM, WiBro, 4G
- Also Works as a typical optical power meter (850nm~1650nm)
- Typical cell phone travel charger and USB data cable
- Color LCD (resolution of 320 x 240 dots)
- Add to graphic display
- Light weight for on-site measurement
- Quick start operation, requiring no warm-up time and reducing testing time
- A robust, shock-proof, splash-proof design for field operation
- Adjustable auto power-off interval for low power consumption

