

Bench-top Optical Power Meter

Single Channel, 800~1700nm, LCD Display

- P/N: JW3201



JW3201 is a test instrument with high precision and wide measurement range. It features intelligent micro-processing control and automatic switch of the measurement range. JW3201 Single Channel Bench-top Power Meter divides the whole measurement range into 8 sections of the linear process. It eliminates the non-linearity differences caused by the PIN detector under the same wavelength and different power. It greatly improves the accuracy and stability.



Features:

- ▶ 800~1700nm wide wavelength range, in 1nm increments
- ▶ Intelligent micro-processing control
- ▶ R232 computer interface, for custom applications
- ▶ User self calibration function
- ▶ Set "Ref" function, to enable the user to retrieve and display the measurement that has been stored as a reference. Link loss test result obtained automatically without any manual calculation
- ▶ Using new Data Acquisition technology to ensure optimum signal-noise ratio and larger detection range
- ▶ In small signal operation, using shield technology in internal circuit, to ensure higher sensitivity, power display can reach -70dBm

Applications:

- Teaching and studying of the fiber optic telecomm
- Producing and researching of the optical components
- Maintenance of the telecom
- Maintenance CATV
- Other Fiber Optic Measurement

Specifications:

Type	JW3201
Wavelength Range	800~1700nm(in 1nm increments)
Calibrated Wavelength (nm)	850nm,980nm,1310nm,1480nm,1550nm,1625nm (Other wavelengths can be optional)
Photo Detector	InGaAs (Optional Si Detector for Short Wavelength)
Measurement Range (dBm)	-70~+3(other measurement range can be customized)
Intrinsic Uncertainty	± 3%
Communication interface	RS232
Resolution (dB)	0.01dB
Optical Connector	FC,SC,ST
Power Supply	AC220V (50Hz)
Operating Temperature (°C)	-10~+60
Storage Temperature (°C)	-25~+70
Dimension (mm)	305*255*115
Weight (kg)	3kg

Photonik reserves the rights to change product designs and specifications at any time without notice.

Ordering Information:

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Note: Measurement wavelengths, Photo Detector type and power measurement range also can be customized according to customers special needs.

Contact Information:

PHOTONIK (SINGAPORE) PTE LTD

German Center, #04-102
 25 International Business Park
 Singapore 609916
 Tel:(65) 6562-7838, 6562-7976 Fax:(65) 6562-7839
 sales@photonik.com.sg www.photonik.com.sg

Local Representative:

