

Optixor™ Multi-Channel Optical Fiber Power Meter

High-precision InGaAs power meter with wide wavelength coverage for laboratory and production optical power testing



PRODUCT OVERVIEW

The Maxer Photonics Multi-Channel Optical Power Meter is a high-precision instrument designed for testing optical power in fiber optic systems. It provides wide wavelength coverage, high accuracy, and excellent reliability for laboratory and production environments.

KEY FEATURES

- Wide wavelength range
- High sensitivity
- Wide dynamic range
- High resolution display
- Automatic range
- Multi-channel option
- USB & Intranet & GPIB
- High accuracy and stability

APPLICATIONS

- Fiber optic communications
- Fiber optic sensors
- Research & laboratories
- Production testing
- University education
- Quality control

SPECIFICATIONS

PARAMETER	VALUE
Photo Detector	InGaAs
Wavelength Range	800 – 1700 nm
Measurement Range	+10 to -70 dBm / +26 to -50 dBm
Linearity	±0.2 dB
Repeatability	±0.05 dB
Optical Connector	Bare Fiber Holder, FC, SC, ST (optional)
Optical Power Accuracy	±3%
Power Showing	Linear (mW), Logarithmic (dBm), Relative (dB)
Resolution	Linear: 0.01; Logarithmic: 0.001 dB
Communication Interface	RS-232C
Operating Temperature	0 – 40°C; Humidity 20% – 80% RH
Power Supply	AC 100 – 240 V / 50 – 60 Hz / 2 A
Dimensions (L × W × H)	330 × 225 × 93 mm

AVAILABLE CONFIGURATIONS

Single Channel

Dual Channel

4 Channel

8 Channel

ORDERING INFORMATION

ILP

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1 OPERATING WAVELENGTH	2 CHANNEL	3 POWER MEASUREMENT RANGE	4 COMMUNICATION INTERFACE	5 TEST MODE
1 : 800–1700 nm	0 : Single	0 : -70 to +10 dBm	1 : USB & LAN	A : Inner FC
—	1 : Dual	1 : -50 to +10 dBm	2 : USB & LAN & GPIB	B : Inner bare fiber clamp
—	—	—	—	C : Outside bare fiber clamp

MAXER PHOTONICS

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