

Portable Optical Multi-Meter

**MAKE YOUR
OPTICAL NETWORKS
MORE RELIABLE**



Optical Multi-Meter is a high-performance multi-meter for testing, system installation, and maintaining. It's a kind of handheld tester, with compact structure, low power consumption, while keeping high performance. It can work together with optical attenuator for various optical tests.

Features

- Wide dynamic measurement range
- Interchangeable connectors available
- A robust, shock-proof, and splash-proof design for field operation
- RS232 communication interface and monitoring soft available
- Multi wavelengths calibration
- High accuracy and long term stability
- Quick start operation, no warm-up time

Applications

- Optical fiber communication
- Design and manufacturing of fiber
- optic components
- Optics sensor system

Specifications

Parameter		Unit	Meter part		
			FOMII-AX1		FOMII-BX1
	Material		InGaAs		
Detector type	Response Wavelength	nm	800 ~ 1700		
	Connector Adaptor		FC(female)		
	Optional Calibration Wavelength	nm	850,980,1310, 1480,1550,1610		
	Measurement Range	dBm	-65~+10		-45~+33
Parameter	Display Units		dB、dBm、mW、μ W、nW		
	Max.Input Optical Power		+13dBm/20mW		+33dBm/2W
	Resolution	dB	0.01		
	Accuracy		±5%(±0.22dB)		
			Light source part		
(X can be A or B)			FOMII-X0	FOMII-X1	FOMII-X2
Wavelength		nm	850	1310	1550
Output Power		dBm	≥-8	≥-4	≥-8
Source Type			FP-LD		
Power Stability		dB	≤0.05		
			Other Parameters		
Power Supply			2×1.5V(AA/LR6)battery or DC6 V adapter		
Battery Life		hours	(light source off)typical :>60 (light source on)typical :>30		
Operation Temperature		°C	0~+40		
Weight		Kg	≤0.5		
Package		mm	200×95×40		

Ordering information

FOMSII	—		—	
Range of Measurement		Wavelength of Light Source		
A:-65~+10dBm		0:850nm FP-LD		
B:-45~+33dBm		1:1310nm FP-LD		
		2:1550nm FP-LD		

Optional accessory

008	SC connector
009	ST connector
010	FC/PC bare fiber adaptor
011	Needle of bare fiber adaptor
012	Software for communication cable
013	Rs232 communication cable
014	MU、LC connector