

## FMP-10 MPO Power Meter & FMS-10 MPO Laser Source

### Description

FMP-10 MPO Power Meter & FMS-10 MPO Laser Source are high cost performance testers to test MPO connectors and patchcords and display all the test results Intuitively on the TFT LCD. They can perform polarity test and frequency identification.

### Features

- Test all the fibers in MPO connector
- Polarity test
- Display all the optical power on the screen
- Recognize 270Hz, 1000Hz and 2000Hz frequencies

### Application

- Data center
- MPO patchcord manufacturing
- Research organization and laboratory



Part Number	Description
FMP-10	MPO Power Meter
FMS-10	MPO Laser Source

### Specification

#### FMS-10 MPO Laser Source

Optical Interface	12 fibers female MPO adaptor
Working Wavelength	850nm±30nm
Emitter Type	VCSEL
Channel	12
Power	≥-2dBm
Stability	≥-0.1dB@1h
USB Interface	yes
Wavelength Identification	reserved
Frequency	CW, 270Hz, 1kHz, 2kHz

#### FMP-10 MPO Power Meter

Optical Interface	12 fibers female MPO adaptor
Detector Type	InGaAs
Calibrated Wavelength	850nm, 1300nm, 1310nm, 1550nm
Channel	12
Measuring Range	-60~+3dBm
Resolution	±0.01dB
Stability	±0.5dB
Max. Input Power	+13dBm
Unit	dBm/dB (REF)
Threshold Setting	4 wavelengths
REF Setting	4 wavelengths
USB Interface	yes
Data Storage	300 groups of 12 fibers test results
Auto Wavelength Identification	yes
Polarity Test	yes, according to TIA-568-C.0
Frequency Identification	270Hz, 1kHz, 2kHz

#### Parameters

Display	TFT LCD
Auto Power-off	10 minutes interval
Power Supply	rechargeable NiMH batteries, AC/DC adaptor
Battery Working Time	continuous testing ≥10 hours
Operating Temperature	0 to +50°C
Relative Humidity	0~95% (non-condensing)
Dimension	190L*105W*55H mm
Net Weight	700g

#### Standard Accessories

MPO master cord, battery, AC/DC adapter, test report, carrying bag, user manual