

# MPO TEST SET



## FEATURES

- Comfortable hand-held design
- Can store up to 1,000 test results
- Test results transferable to PC reporting software
- Customizable pass/fail thresholds
- Auto turn-off option available
- (2) Type A reference cords with mating sleeves included
- Light Source can be operated in Auto or Manual mode

## SPECIFICATIONS

Operating Temperature	-10°C to + 50°C
Storage Temperature	-20°C to + 50°C

### Power Meter

Detector Type	12 InGaAs Photodiodes ( $\lambda$ ; range 800nm to 1700nm)
Calibrated Wavelengths	850nm MM Version 1310nm SM Version 1550nm SM Version
Dynamic Range	+3.0 dBm to -50dBm
Resolution	0.1dB
Accuracy	$\pm 0.3$ dB
Repeatability	$\leq 0.1$ dB
Polarity Detection	A, B, C & 40G
Test Storage Locations	999
Data Transfer	Via USB 2.0
Optical Connector	Multimode - MPO male (compatible with 62.5um and 50um) Singlemode - MPO male (compatible with 9um) (Both SM and MM units have self closing bulkhead)
Power Requirements	12 V DC Charger ( using 120V /240 AC adapter)
Battery	8 NiMH rechargeable batteries (2100mAh)
Battery Life	6 Hours on full charge(without backlight)
Battery Status Icon	Yes; 5 segment
Automatic Power Off	Yes; default on; user selectable
Size	7.25" x 4.5" x 2.75"
Weight	1.9 lbs

# MPO TEST SET

## SPECIFICATIONS

### Light Source

Lasers	Multimode: 850 nm Singlemode: 1310 nm or 1550 nm
Output Power	Multimode < -3.0 dBm (50/125 fiber); -5.0dBm Typical Singlemode < -1.0 dBm (9/125 fiber) ; -3.0dBm Typical
Modulation Modes	Continuous Wave; 270Hz, 1 KHz, 3KHz
Power Requirements	12 V DC Charger ( using 120V /240 AC adapter)
Battery	8 NiMH rechargeable batteries (2100mAh)
Battery Life	6 Hours on full charge (without backlight)
Battery Icon	Yes; 5 segment
Automatic Power Off	Yes; default on; user selectable
Size	7.25" x 4.5" x 2.75"
Weight	1.9 lbs
Laser Type	Class 3B

## ORDER INFORMATION

F1-85MPO	Multimode Set w/ 850nm source
F1-1310MPO	Singlemode Set w/ 1310nm source
F1-1550MPO	Singlemode Set w/ 1550nm source