



FEATURES

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

SPECIFICATIONS

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

Power Meter

Unit of Measurement	Power/Insertion Loss dBm/dB
Detector Type	12 InGaAs Photodiodes (λ ; range 800nm to 1700nm)
Calibrated Wavelengths	850nm MM Version 1310nm SM Version 1550nm SM Version
Dynamic Range	+3.0 dBm to -50dBm
Resolution	0.01dBm/dB
Accuracy	±0.15dBm/dB
Polarity Detection	A, B, C & 40G
Test Storage Locations	999
Data Transfer	USB Serial Cable (via USB Mini)
Optical Connector	Multimode - MPO male UPC (compatible with 62.5um and 50um) Singlemode - MPO male APC (compatible with 9um) (Both SM and MM units have self closing bulkhead)
Power Requirements	1 Amp/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 Charge Time	Full Charge - 3 Hours
Automatic Power Off	10 minutes - Default on; user selectable
Size	7.25" x 4.5" x 2.75"
Weight	1.9 lbs

Light Source

Lasers	Multimode: 850 nm Singlemode: 1310 nm or 1550 nm
Output Power	Multimode < -4.0 dBm (50/125 fiber); -6.0dBm Typical Singlemode < -1.0 dBm (9/125 fiber) ; -4.0dBm Typical
Modulation Modes	Continuous Wave; 270Hz, 1 KHz, 2KHz
Power Requirements	1 Amp / 12 V DC Charger (using 120V /240 AC adapter)
Battery	8 NiMH rechargeable batteries (2100mAh)
Battery Life ¹	6 Hours on full charge (without backlight)
Battery Charge Time	Full Charge - 3 Hours
Stability ²	±0.3dBm/dB
Automatic Power Off	10 minutes - Default off; user selectable
Size	7.25" x 4.5" x 2.75"
Weight	1.9 lbs
Laser Type	Class 3B

1=When run on auto sequence

2= When lasers have been given a warm up time up to 10 minutes at room temperature

RUGGEDIZED VERSION - SPECIFICATIONS



SPECIFICATION FOR METER AND SOURCE ARE SAME AS ABOVE WITH EXCEPTION TO:

Size	8 x 6 x 4 Inches
Weight	3 Pounds
Water Resistance	30 Minutes in up to approx. 3 Feet (1 Meter) in water (w/cover closed)

ORDER INFORMATION

All Test Sets include Power meter, light source, two type "A" reference cords, mating sleeves, and PC reporting software and carrying case

F1850MPO	MPO 12 Fiber Test Set-MM Power Meter & 850nm Source
F11310MPO	MPO 12 Fiber Test Set- SM Power Meter & 1310nm Source
F11550MPO	MPO 12 Fiber Test Set-SM Power Meter & 1550nm Source
F1850MPOR	Rugged MPO 12 Fiber Test Set- MM Power Meter & 850nm Source
F11310MPOR	Rugged MPO 12 Fiber Test Set- SM Power Meter & 1310nm Source
F11550MPOR	Rugged MPO 12 Fiber Test Set- MM Power Meter & 1550nm Source

Individual Units^{3,4}

9400-0002SM1310LS	1310nm SM MPO Light Source only
9400-0002SM1550LS	1550nm SM MPO Light Source only
9400-0004SMPM	MPO SM Power Meter (1310nm/1550nm)
9400-0001MMLS	MPO MM Light Source (850nm)
9400-0003MMPM	MPO MM Power Meter (850nm)

3= Add "R" to end of part number to order ruggedized versions

4= Sold as individual unit only, contained in formed fitting soft case (soft case not included with ruggedized versions)

ACCESSORIES

MPOACCESSORYKITMM	MPO Accessory Kit for Multimode OM3 MPO Accessory Kit includes: IBC MTP/MPO Cleaner, US Conec MTP gender change tool and mating sleeves & MM OM3 Reference Cord
MPOACCESSORYKITSM	MPO Accessory Kit includes: IBC MTP/MPO Cleaner, US Conec MTP gender change tool and mating sleeves & SM Reference Cord
F1EFRC-OM3 18814	OM3 Encircled Flux Reference Cord MTP Pro Field Tool - Gender Changing Tool

