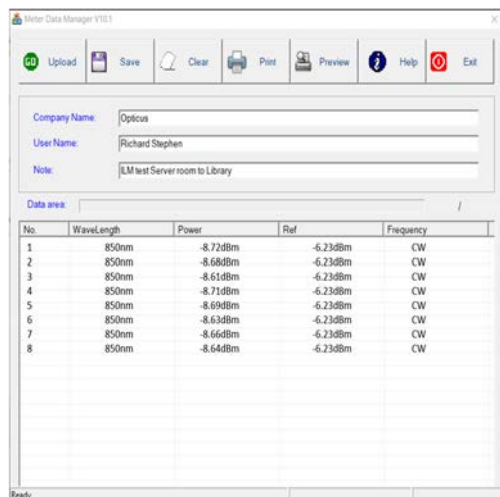


FHP2B04 Series Optical Power Meter

Description

FHP2B04 Series Optical Power Meter is an advanced optical power meter with storage functions and data download to PC. It will also pair with compatible light sources to automatically change wavelength to match the source. The +26dBm to -50dBm makes the meter ideal for testing high power sources as used in CATV systems and fibre amplifiers.



Easy Upload of test results to a PC

Ref A to B (dBm)		Ref B to A (dBm)	
850	1300	850	1300
-6.2		-5.0	-5.0

Reading A to B (dBm)		Loss A to B (dB)	
850	1300	850	1300
1	-8.72	2.49	0.00
2	-8.68	2.45	0.00
3	-8.61	2.38	0.00
4	-8.71	2.48	0.00
5	-8.69	2.46	0.00
6	-8.63	2.40	0.00
7	-8.66	2.43	0.00
8	-8.64	2.41	0.00

Reading B to A (dBm)		Loss B to A (dB)	
850	1300	850	1300
1		-5.0	-5.0
2		-5.0	-5.0
3		-5.0	-5.0
4		-5.0	-5.0
5		-5.0	-5.0
6		-5.0	-5.0
7		-5.0	-5.0
8		-5.0	-5.0

Easy Report Generation

Features

- +26 to -50dBm range
- Integrated with high performance optical detector
- Auto-wavelength Recognition: Twinning function with laser light source to automatically change wavelength to match the source reducing the need for communication between ends.
- LCD backlight for easy operation in dark environments
- Referencing function
- Memory capacity of 1000 data items, enables data transfer to PC
- USB connection
- Connectors are interchangeable
- Three powering systems: Internal rechargeable batteries or USB cable or dry cells
- Wide dynamic range and high power measurement capability
- High accuracy and stability
- Auto power off function
- dBm, dB, mW readout
- Modulation recognition CW, 270Hz, 1kHz, 2kHz
- FC & SC adapters supplied as standard

Features	
Calibrated Wavelength (nm)	850/1300/1310/1490/1550/1625
Working wavelength(nm)	800~1700nm
Detection range	-50dBm to +26dBm @1550nm
Detector Type	InGaAs
Connector	FC/PC and SC/PC (interchangeable)
Accuracy	5%±1nW ; ±5%±10nW
Resolution	0.01dB@ -40 to +26dBm 0.1dB@ -40 to -50dBm
Linearity	+5%
Auto Power-off	Yes
Back-light	Yes
Reference Value	Yes
Measuring Range(dBm)	-70dBm to+10dBm
USB Interface	Yes
Data Storage	Yes
Wavelength Recognize	Yes
Tone Detection(Hz)	270,1K,2K
Operating Temperature	-10to+50°C
Storage Temperature	-20to+ 70°C
Power Supply	2pcs*Ni-MH AA(2500mAh);USB cable
Dimension(mm)	160L*76W*45H
Net Weight	270g

Standard Accessories

FC/PC adapter, SC/PC adapter, 2*AA rechargeable batteries, USB cable, test report, carrying bag, CD software, user manual

Optional Accessories

interchangeable ST adapter (model: N000500);

male FC to female LC adapter for LC connector (model: HD078)