



Fibre Optic Cleaning, Tools & Accessories

Power Meter & Light Sources



Using the power meter with an optical light source enables the engineer to measure the optical loss in fibre optical cables.

The compact and comfortable design of our kit meets the basic demands of an engineer in the real world of testing.

The LXMPMS/MKIT01XX Power Meter is able to measure 6 wavelengths with power levels ranging from -60 to +3 dBm.

The small size, wide measurement range and dynamic range make this kit an excellent choice for any telecom technician or fibre optic contractor.

Features & Benefits

- Able to measure 6 wavelengths: 850 / 1300 / 1310 / 1490 / 1550 / 1625nm
- 2 in 1 laser source does Multimode & Singlemode
- Auto Power-off
- Backlight for easy operation in low light
- Modulated Frequency (270HZ, 1K, 2K)
- Light product
- Very easy to use
- Rugged handheld
- Hard carry case
- Cost effective
- Interchangeable adapters

Ordering Information

Product Code	Description
LXMPMS/MKIT01	Power Meter, Singlemode & Multimode Light Sources Kit

For any queries, please contact the Linxcom team using the details below.



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Technical Specifications

	Power Meter		Light Source
Calibrated Wavelengths (nm)	850/1300/1310/1490/1550/1625	Output Wavelengths (nm)	850/1300/1310/1550;
Detector Type	InGaAs	Emitter Type	LD
Accuracy	$\pm 0.2\text{dB} \pm 1\text{nW}$	Output Stability (dB)	Short-term (15 minutes): $< \pm 0.05\text{dB}$ @ 1310, 1550nm; $\pm 0.1\text{dB}$ @ 850 & 1300 Long-term (8 hours): $< \pm 0.1\text{dB}$ @ 1310, 1550nm; $\pm 0.2\text{dB}$ @ 850 & 1300
Resolution (dB)	0.01	Spectral Width (nm)	3
Linearity	$\pm 5\%$	Output Frequency (Hz)	270, 1K, 2K
Measuring Range (dBm)	-70 to +10	Output Power	-5dBm $\pm 0.5\text{dB}$
Tone Detection (Hz)	-40	Central Wavelength (nm)	± 20
Auto Power Off	Yes	Auto Power-Off	Yes
USB Interface	Yes	Back-Light	Yes
Data Storage	Yes	Operating Temperature	4 to 122°F (-10 to +50°C)
Back Light	Yes	Storage Temperature	-4 to 158°F (-20 to +70°C)
Reference Value	Yes	Power Supply	2pcs Ni-MH AA; (2500mAh)
Operating Temperature (°C)	-10 to +50	Dimension (mm)	160 x 76 x 45
Storage Temperature (°C)	-20 to +70	Net Weight	(270g)
Power Supply	2pcs NI-MH AA; (2500mAh;)	Standard Accessories	FC/PC, ST/PC SC/PC interchangeable connectors, Manual, Carrying Bag, and battery, AC/DC Adapter/Charger, Test report.
Dimensions (mm)	160 * 76 * 45	Standard Accessories	FC/PC, ST/PC SC/PC interchangeable connectors, Manual, Carrying Bag, and battery, AC/DC Adapter/Charger, Test report.
Weight (g)	270		
Standard Accessories	FC/PC, SC/PC, ST/PC interchangeable connector, Manual, Carrying Bag, Software(CD), USB Cable, AC/DC adapter, Test Report		