PROLITE-63B Low cost optical power meter

- ✓ **Wide dynamic range, great capacity of power metering.**
- ✓ **Digital communication with PROLITE-55 light source for auto wavelength recognition.**

The **PROLITE-63B** is a functional and intelligent optical power meter. Under the situation of laboratory, LANs, WANs and CATV as well as long distance optical network, the optical power meters, together with **PROMAX** LASER sources can be used to identify optical fiber, measure optical attenuation, verify continuity and evaluate fiber link transmission quality.

Its memory capacity extends up to 999 data items. **PROLITE-63B** enables data transfer to a PC via USB connection. With the software, the date sheet can be saved as MS Excel or TXT, and printed out directly.

- ✓ **Referencing function.**
- ✓ **Memory capacity of 999 data items; enables data transfer to a PC via USB connection.**
- ✓ **LCD backlight for easy operation in darker environments.**
- ✓ **More connectors are optional and interchangeable by the user.**
- ✓ **Two powering systems: Internal rechargeable batteries or AC adaptor.**
- ✓ **Wide dynamic range and high power measurement capability.**
- ✓ **High accuracy and Stabilized.**
- ✓ **Auto poweroff function: saves the power and low power consumption allows extended operation in the field.**
- ✓ **Interchangeable fiber-optic adapters.**

PROLITE-63B Low cost optical power meter

SPECIFICATIONS	PROLITE-63B - Low cost optical power meter
Calibrated Wavelengths	850 / 1300 / 1310 / 1490 / 1550 / 1625 nm
Detector Type	InGaAs
Accuracy (*)	±0.2 dB ±1 nW
Resolution	0.01 dB
Linearity	±5 %
Back Light	Yes
Reference Value	Yes
Measuring Range	-70 to +10 dBm @1550nm
USB Interface	Yes
Data Storage	Yes
Wavelength Recognize	≥ -40dB
Tone Detection (Hz)	270, 1K, 2K ≥ -40dB
POWER SUPPLY	4 x Ni-MH 2500 mAh batteries or 6 V AC/DC Adaptor
Auto Power Off	Yes
MECHANICAL FEATURES	
Dimensions	W. 76 x H. 160 x D. 45 mm
Weight	270 g

(*) Accuracy at 1550nm, CW, 23±3°C, Relative Humidity ≤70%, with FC connector.