

LP-5000

HAND HELD FIBER OPTIC POWER METER

FEATURES:

- Low Cost
- Simple 3 button operation
- Measurement Range: -65dBm to +5dBm
- Accuracy: ± 0.3 dB
- Resolution: 0.1 dB
- NIST Traceability
- Battery or AC operation
- Auto Off/Battery Save feature
- Rugged, high impact LEXAN® case

APPLICATIONS:

- FDDI Testing
- Cable Acceptance Testing
- Splicing
- Connectorization
- End-to-End Testing of installed links



SPECIFICATIONS (All specifications are subject to change)

Detector	3mm Germanium PIN photodiode
Wavelengths:	780nm, 850nm, 1300nm, 1550nm
Measurement Range:	+5dBm to -65dBm
Readout Resolution:	0.1 dB
Accuracy:	± 0.3 dB
Update Rate:	3 times per second
Noise Equivalent Power:	0.1 nanowatt
Optical Interface:	Universal connector interface accepts adaptors for all multimode or singlemode connector types and bare fiber (please specify when ordering).
Auto Off/ Battery Save	The unit will turn itself off after 10 minutes of inactivity in order to conserve battery power.

PHYSICAL SPECIFICATIONS

Dimensions	5.5"L x 3"W x 1.5"D (140mm x 76mm x 38mm)
Weight:	0.6lbs (272 grams)

POWER REQUIREMENTS

AC Power:	110/220 volt AC power adapter
Battery Power:	4 "AA" cell NiCd batteries or 4 "AA" cell Alkaline batteries
NiCd Battery Life:	>20 hours of continuous operation (min.)
NiCd Recharge Time:	12 hours typical

ENVIRONMENTAL SPECIFICATIONS

OPERATING

Temperature:	-10°C TO 50°C (14°F to 122°F)
Humidity:	95% non-condensing

STORAGE

Temperature:	-30°C to 60°C (-22°F to 140°F)
Humidity:	95% non-condensing

ACCESSORIES PROVIDED

LP-5000 Operator's Manual
Choice of one connector adapter cap
AC Charger/Adapter
Soft Case



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