HANDHELD POWER METER - NXOPM101A-L

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NEXCONEC® handheld power meter is a full-function optical power meter, it aims at fiber network installation, fiber network engineering acceptance and fiber network maintenance. Combined usage with NXOLS201A optical light source, it offers a quick and accurate testing solution on both SM and MM fibers.

Compared with usual power meters, the NXOPM101A has more great functions/features of automatic wavelength identification and switching, as well as intelligent backlight control. Also this type has features of good appearance, good touch feeling and considerate humanization design.

FEATURES

✓ Wave ID—Automatic wavelength identification and switching (when used with NXOLS201A handheld light source)

✓ Frequency ID/Tone detection---Automatic frequency identification

✓ Data storage function, up to 1000 test records

✓ USB communication port to download the saved testing records

✓ Reference power level can be set up and stored

✓ Auto-off function can be activated or deactivated

✓ AA alkaline and AC adapter for power supply

✓ Low battery indication

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SPECIFICATIONS

Parameters	Value
Calibrated Wavelength	850, 1300, 1310, 1490, 1550, 1625nm, Max. can calibrate 10 wavelengths
Detector Type	InGaAs
Measurement Range (dBm)	-70 ~+6, (for NXOPM101A-L) -50~+26, (for NXOPM101A-H)
Detector Area	Ø 1.0mm
Uncertainty (dB)	±0.15 (3.5%)
linearity (dB)	±0.02
Display resolution(dB)	0.01
Frequency ID (Hz)	270, 330, 1K, 2K
Wave ID (nm)	1310, 1490, 1550, 1625, 850, 1300
Date storage capacity	1000
Communication Port	USB
Optical Connector type	FC, SC, ST interchangeable (LC can be required)
Power Supply	3XAA alkaline batteries, 1.5V
Battery Lifespan	≥ 150 hours
Storage Temperature	-25 ~ +70℃
Operating Temperature	-10 ~ +60℃
Dimension (L x W x H)	200 x 90 x 50 mm
Product Weight (without battery)	285g

ORDER INFORMATION

Product	Part Number	Product Description
	NXOPM101A-L	Handheld Power Meter, Low, Up to 6dBm
	NXOPM101A-H	Handheld Power Meter, High, Up to 26dBm