TY-8202 Optical Power Meter

Model #: TY-8202
Description: Optical Power Meter
Application: Fiber Network Installation and Test

Summary:

TY-8202 is a hand-held optical power meter with multiple functions. It aims at fiber network installation, fiber network engineering acceptance and fiber network maintenance. In conjunction with an optical light source, it offers a quick and accurate testing solution for both SM and MM fiber. Compared with other common power meters, it has more great functions/features such as automatic wavelength identification and switching, as well as intelligent backlight control. Also it has features of good appearance and good touch feeling.

Features:

- Wavelength ID - Automatic wavelength identification and switching (when used with handheld light source)
- Frequency ID/Tone detection - Automatic frequency identification
- Data storage function, up to 1000 test records
- USB communication port to download saved testing records
- Reference power level setup and store
- Auto-off function activation or deactivation
- AA alkaline and AC adapter for power supply
- Low battery indication

Specifications:

Type	TY-8202-A	TY-8202-B
Calibrated Wavelengths (nm）	850,1300,1310,1490,1550,1625nm (Other wavelengths available subject to request)	
Detector Type	InGaAs	
Measurement Range (dBm）	-70 ~ +6	-50 ~ +26
Detector Area	Ø 0.3mm	
Uncertainty (dB)	± 0.15 (3.5%）	
linearity (dB)	±0.02	
Display resolution (dB)	0.01	

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Frequency ID (Hz）	270，1K，2K
Wavelength 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)
Alkaline Battery	3X AA，1.5V
Power Supply Adaptor (V)	8.4
Battery Operating Time (h)	200
Operation Temperature (°C)	-10 ~ +60
Storage Temperature (°C)	-25 ~ +70
Outline Size (mm）	200 X 90 X 50
Weight (g）	285