



User's Guide to the QPM SERIES Optical Power Meter

*Image for reference only

QUBIX

Specifications

Model	QPM
Sensor Type	InGaAs
Working Wavelength	800~1700nm
Calibrated Wavelength	850/1300/1310/1490/1550/1577/1625nm
Test Range	-70~+10dBm
Accuracy	±0.2dB
Resolution	0.01dB
Frequency Detection	270Hz/330Hz/1 kHz/2kHz
Recognizable Wavelength	850/1300/1310/1490/1550/1625nm*(with FHS2 series laser source)
Frequency identification range	-40dbm~+10dBm@1550nm
Wavelength identification range	-40dbm~+10dBm@1550nm
Unit display	dBm/dB/mw
Memory Capacity	999 groups (can be transferred to PC software and generate report)
Electric port	TYPE-C charging/data port
Optical port	OPM: FC connector
Power Supply	2*Ni-MH AA rechargeable batteries (not included) - Continuous use for 40 hours only OPM mode; Input:AC100~240V Output:DC5V/1A
Working temperature	-10℃~+50℃
Storage temperature	-20℃~+70℃
Dimension/Weight	160L×76W×45H(mm) / 265g
Accessories	FC adapter, SC adapter, Power adapter, USB cable, Test report, Quick guide, Carrying bag

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Introduction

The new generation QPM Series fiber optical power meter are designed for accurate optical power measurement and loss measurement, which adds 10mw VFL . New QPM series power meter provide more calibrated wavelengths and higher precision power test performance. In addition, the new power meter is more convenient for power calibration.

When working with QLS series laser source, which will enable QPM series power meter to identify the current wavelength automatically. This feature reduces the need for communication between two technicians and decrease the possibility of make mistakes.



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Operation



Single Key Function Definition

No	Single Key	Function
1	K1	Press(>2s) to power on/off the instrument. Long press(>3s) while power on to disable the Auto-off function
2	K2	Short press: Switch measurement wavelength in sequence of 850nm/1300nm/1310nm/1490nm/1550nm/1625nm Press (>2s) to activate the TWIN function(Automatic wavelength identification with FHS2 series laser source)
3	K3	Switch measurement unit among dBm,dB and mw In the history data mode: Short press to delete the current saved data Press (>2s) to delete all the saved data
4	K4	Short press to display the history data Press (>2s) to store the current test data
5	K5	Short press to display the reference level of current test wavelength Press (>2s) to set the reference level of current test wavelength
6	K6	Short press to turn on/off backlight

Combination key function definition

No	Combination Key	Function
1	K3+K4	Press "K3+K4" together to enter/quit the optical power calibration mode In OPM CAL mode: Press K2 to increase power by 0.01dB Press K5 to decrease power by 0.01dB Long press K2 to increase power by 0.1dB Long press K5 to decrease power by 0.1dB Press "K3+K5" to clear the current calibration

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Appearance



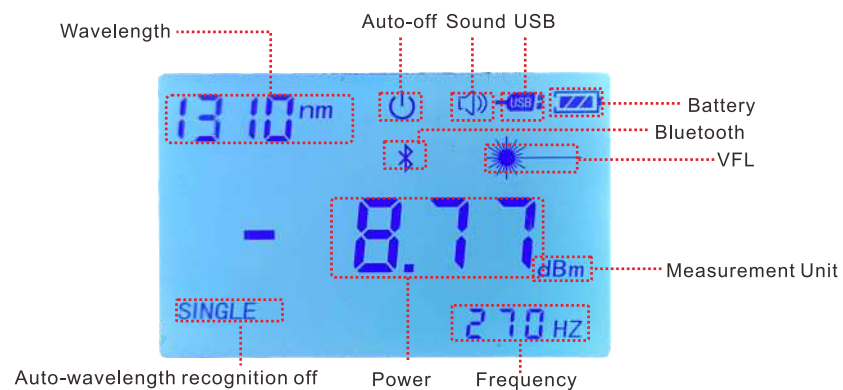
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Maintenance

- It is forbidden to use charger with non-standard voltage and dry battery when charging
- Please close the dust cap to prevent dust and dirt entering the optical port from affecting the test accuracy when you finish using
- In case of deviation in test accuracy, please use alcohol cotton swab to clean the optical port and use standard equipment for calibration

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LCD



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