

PMM-P



DEVICE

Handheld Photonics Multimeter – Phoenix Series

OVERVIEW

The Optilab PMM-P is a handheld photonics multimeter based on the Sedona platform. Featuring a 7" touch display screen and a large capacity battery, the PMM-P provides a convenient solution to monitor photonic conditions in both laboratory and field settings. This multimeter not only detects the average input optical power, but can also analyze optical waveforms up to 100 kHz. Moreover, it comes with an electrical signal generator for quick O/E conversion test. FFT analysis is included. Contact Optilab Sales for more information.

FEATURES

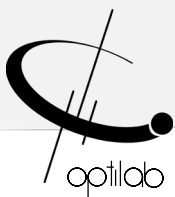
- Optical Waveform Analyzer
- Synthesized Electrical Wave Output
- Light Weight: < 5.5 lbs. (2.5kgs)
- 7" LCD touchscreen
- Wireless Control

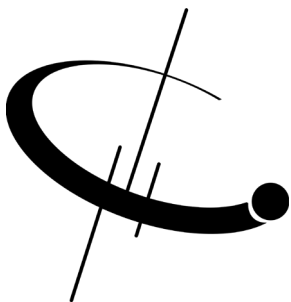
SOFTWARE

- Touchscreen Control – No PC Required
- Built-in Intuitive GUI
- Remote Control via USB or Z-Link

APPLICATIONS

- Photonics Circuit Diagnostics
- O/E Waveform Analysis
- FTTX Field Diagnostic





PMM-P

SPECIFICATIONS

OPTICAL

Wavelength Detection	1260 nm to 1620 nm
Input Power Range	-20 to +25 dBm
Frequency Range	DC to 100 kHz
Refresh Rate	1 sec
Fiber Type	SMF-28
Optical Connectors	FC/APC

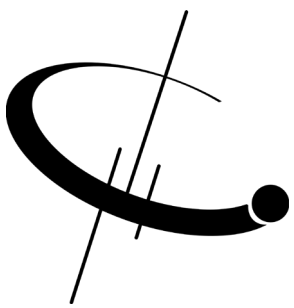
MECHANICAL

Operating Temperature	0 °C to +40 °C
Storage Temperature	-20 °C to +70 °C
Cooling	Passive
Dimensions (LxWxH)	290mm x 45 mm x 170 mm
Weight	< 2.5 kg
Housing	Injection Molded Aluminum

ELECTRICAL

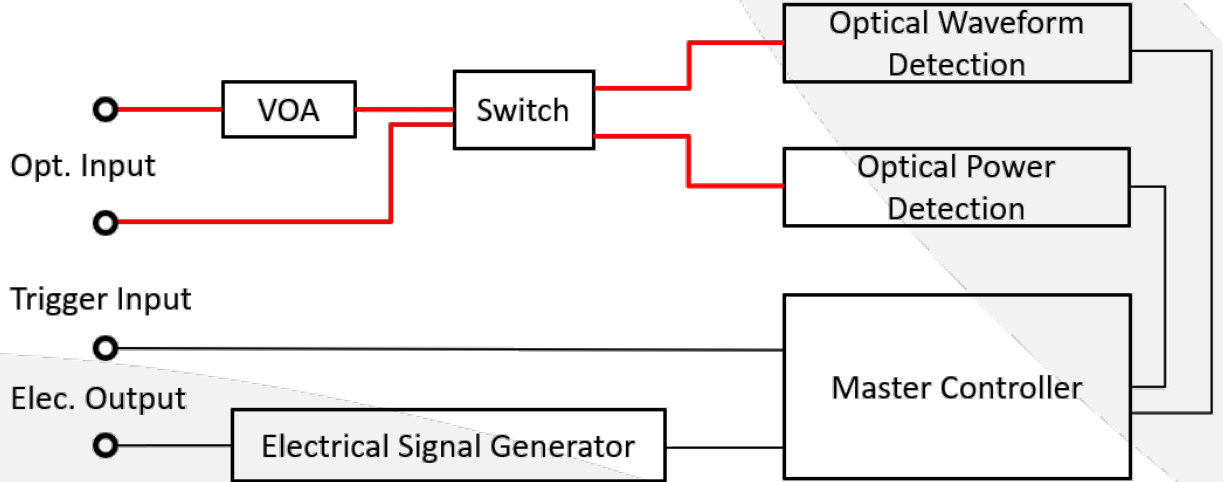
Power Supply	+5V DC External Power Adapter
Backup Battery	Lithium Ion
Display	7" LCD Touchscreen
Battery Life	3 hours Operation
Software	GUI Interface



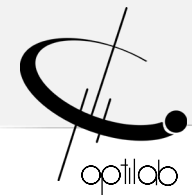
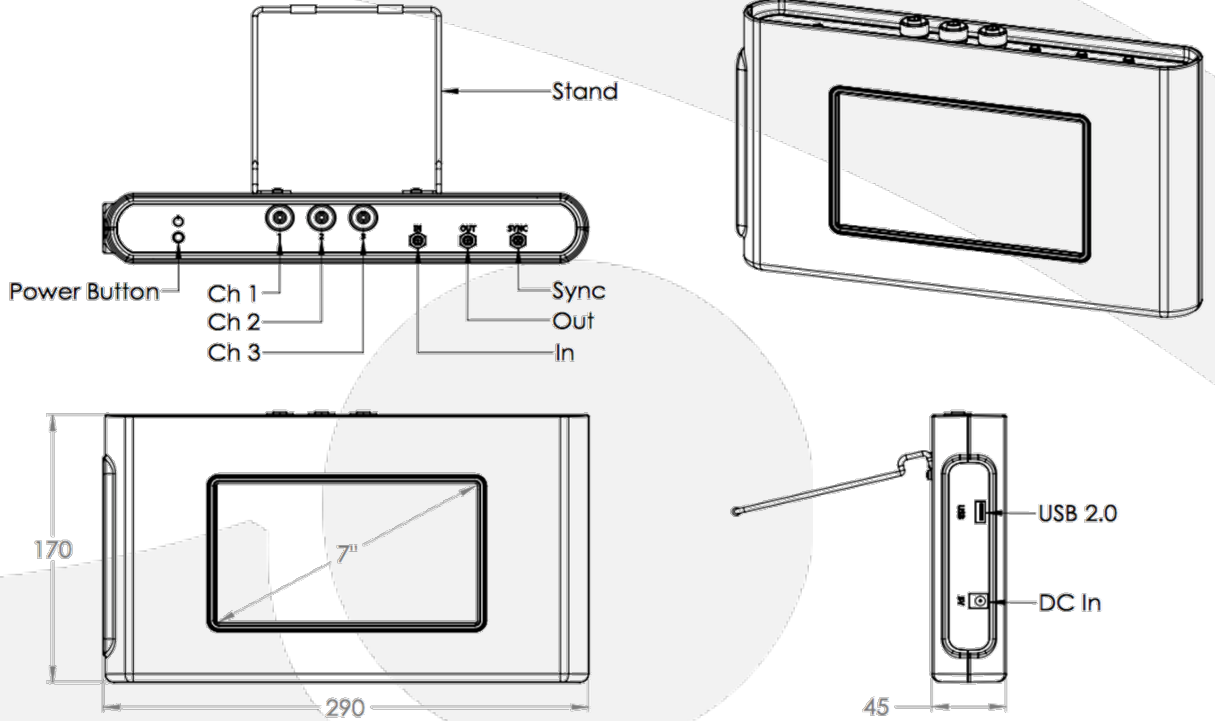


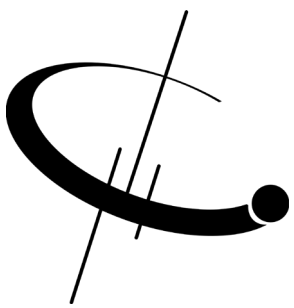
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FUNCTION
DIAGRAM



MECHANICAL
DRAWINGS





PMM-P

SCREENSHOT

Optical Power Meter

Zoom Back

Input Power	-27.34 dBm	dBm/mW	VOA Stage
			-00 dB
Detected Power	-27.34 dBm	CAL	-10 dB
			-20 dB

-27.34 dBm -20 dB -27.34 dBm

VOA PD

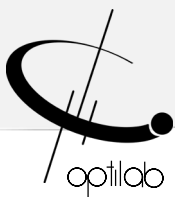
Digital Synthesizer

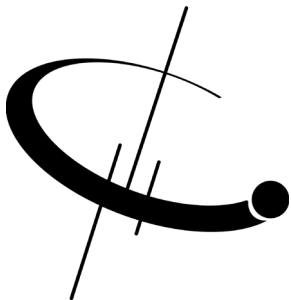
Back

Output Mode: Disable Sine Triangle Square Stop

Frequency: 0010.000KHz +1Hz +10kHz +100kHz
-1Hz -10kHz -100kHz

Scan Range: 0000.000KHz - 0000.100KHz
Step size: 0000.001KHz Start Scan





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SCREENSHOT

