

# CARY-PM300 Portable Optical Power Meter

Technical Specifications Ver 2.00  
Nov, 2012



[www.caoptronicsgroup.com](http://www.caoptronicsgroup.com)

# CARY-PM300 Portable Optical Power Meter

The CARY-PM300 portable Optical Power Meter is a newly designed fiber optic tester, which aims at the installation, engineering acceptance and maintenance of fiber network. Combined with CARY-LS300 handheld optical light source, it offers a quick and accurate testing solution on both SM and MM fibers.

## Features:

- 2 types of backlight modes, manual or outside light intensity, which indicated by LED light
- Intelligent back ground light
- Reference power level can be set up and stored
- User self-calibrating function
- Auto-off function
- Up to 240 hrs battery life
- Compact dimension;
- Light weight

## Applications:

- Telecom Maintenance
- CATV Maintenance
- Comprehensive cable construction system
- Optical instruments research and development
- Lab testing
- Other optical project

## Specification:

Model	CARY-PM300	CARY-PM300B
Calibration Wavelength(nm)	800~1700	
Detector type	InGaAs	
Measurement Range(dBm)	-70+10	-50+26
Uncertainty (dB)	±0.2(5%)	
linearity (dB)	0.01	
Display resolution(dB)	0.03	
Frequency ID (Hz)	270 330 1K 2K	
Wave ID (nm)	850,980,1300,1310,1490,1550,1625	
Connector	FC/SC/ST Interchangeable	
Alkaline battery	3 AA 1.5V	
Battery Operating time (h)	240 hrs without backlight	
Operation Temperature(°C)	-10(°C) +60	
Storage Temperature(°C)	-25(°C)+70	
Dimension(mm)	172*82*33	
Weight(g)	310	

## CA OPTRONICS GROUP's Test and Measurement Support, Services and Assistance

CA OPTRONICS GROUP provides high performance, high value, low cost, affordable test and measurement instruments solution for our customers. Our extensive support sources can help you choose right CA OPTRONICS GROUP' products for your application and apply them successfully. Every instruments and system we sell a global warranty. All of our instruments with at least 18 months factory warranty.

## Our Promise

All of CA OPTRONICS GROUP's test and measurement instruments and system will met its advertised

performance and functionality. When you select CA OPTRONICS GROUP's products, we can verify if it is work properly, help with products operation, and provides the basic measurement assistance for the use of special capabilities.

## Contact Information

### United States:

#### **CA OPTRONICS GROUP INC.**

6325 Edison Way.

Fremont, CA 94538

USA

Tel: 1-510-366-7353

Fax: 1-510-353-1809

[www.caoptronicsgroup.com](http://www.caoptronicsgroup.com)

Product specifications and descriptions in this documentation subject to change without notice.

Copyright © 2008 CA OPTRONICS GROUP INC..

May, 2012

71000007 V2.00