

# PM2016/PM2019 + 2 X PH2006 光功率计

PM2016/PM2019 + 2 X PH2006 Optical Power Meter

## 产品规范

Specification



## 概述 DESCRIPTIONS

PM2016/PM2019 + 2 X PH2006X 光功率计主要用于高精密波分复用 DWDM 元件, 光波导光栅阵列 AWG 元件, 平面光波导 PLC 元件, 光放大器 EDFA 和其它通用的光纤的光学测量和应用, 性能高超, 经济实用。

PH2009X 大光敏面以及专门的单独的小 PD 头设计, 非常适合用于光路调整等特殊应用, 也适用于批量生产应用。

PM2016/PM2019 + 2 X PH2006X光功率计测量系统具有性能高超、尺寸小巧、启动快速和价格实惠的特点。Opeaktech可提供小功率, 大功率, 单通道和双通道的光功率计模块供选择, 也可为客户提供多达16通道的主机系统。

The PM2016 + 2 X PH2006X optical power meter offer superior performance for the test of DWDM components, AWG & PLC components, optical amplifiers, and other general purpose of fiber optical test and measurement applications. It is special design for volume production line application.

PH2009X is very good to use in the optical path ajustment. It is special design for volume production line application.

PM2016/PM2019 + 2 X PH2006X optical power meter is a High Performance, Small Dimension, Fast Startup, Affordable Optical Power Meter test system. It provides low power, high power, single channel and dual channel optical power meter modules options. Opeaktech also can provide high channel count solution up to 16 channels.

### FEATURES 产品特点:

1. **Wide Dynamic Range** /大动态范围
2. **High Accuracy**/高测量精度
3. **Small PD Head**/探头尺寸小
4. **Big Active Area**/光灵敏面大

### APPLICATION/应用范围

1. CWDM,DWDM, Filter, Components, Module, System Testing/CWDM, DWDM 滤光片, 元件, 模块和系统测量
2. OPM, Interleaver, DPSK,WSS, PLC, AWG components, modules testing/OPM, Interleaver, DPSK, WSS, PLC, AWG 元件和模块测量
3. Fiber Grating Sensors Testing/光纤传感器测量
4. Fiber Optic Test Equipments Inspection and **Testing**/光纤测量仪器的检验和测量
5. Laser Sweep Optical Spectrum **Analyze**/激光扫描光谱分析
6. R&D and Lab Application/R&D 和实验室应用
7. Passive components light path adjustment **monitor**/无源光器件光路调节监测

## 性能指标 SPECIFICATIONS

主机型号 Main Model	PM2016			PM2019		
通道数量 Channels	双通道 Dual Channels.			单通道 Single Channel		
嗡鸣器 Buzz	No			Yes		
工作温度 Operation Temperature	0 ~ +40 °C					
存储温度 Storage Temperature	-30 ~ +80 °C					
外形尺寸 Dimensions	300 mm W, 100 mm H, 330 mm D					
重量 Weight	1.9 kg					
探头型号 Head Model	PH2006/1	PH2006/2	PH2006/3	PH2009/1	PH2009/2	PH2009/3
探测器类型 Sensor Element	InGaAs					
波长范围 Wavelength Range	850 ~ 1700 nm					
PD光敏面积 PD Active Area mm	2.0 X 2.0			3.0 X 4.0		
功率范围 Power Range dBm	+ 3 ~ -85	+ 13 ~ -75	+ 23 ~ -65	+ 3 ~ -85	+ 13 ~ -75	+ 23 ~ -65
光纤类型 Application Fiber Type	Standard SM and MM up to 62.5 um core size					
绝对精度 Uncertainty (accuracy) at reference condition	+/- 4% (1200 nm ~ 1610 nm)					
相对精度 Relative Uncertainty (accuracy) at reference condition	< 0.02 dB Typical					
功率线性度 Linearity (power)	<= +/- 0.06 dB (1200 nm ~ 1610 nm, + 0 ~ -60 dBm)					
回损 Return Loss	> 40 dB					
工作温度 Operation Temperature	0 ~ +40 °C					
存储温度 Storage Temperature	-30 ~ +80 °C					
校准周期 Recalibration Period	2 years					
外形尺寸 Dimensions	60 mm W, 70 mm H, 150 mm D					
重量 Weight	1.8 kg					

## 订购信息 Order Information

### PM2016-XX XX

03: +3~-85dBm

13: +13~-75dBm 测量范围

23: +23~-65dBm

FC,SC,LC,ST,裸纤夹 探头接口适配器

### PM2019-XX XX

03: +3~-85dBm

13: +13~-75dBm 测量范围

23: +23~-65dBm

FC,SC,LC,ST,裸纤夹 探头接口适配器

举例：PM2016-03FC，表示测量范围+3~-85dBm，探头接口类型选择FC接口

## 技术支持和服务

### Test and Measurement Supports, Services and Assistance

我公司为我们的客户提供了高性能、高品质、低价位的测量仪器及测试系统。我们强大的技术资源可以帮助您选择并正确使用本公司合适的产品以满足您的应用需求。我们销售的每种仪器都拥有全球保修服务，提供最少12个月的出厂保修期。

Our company provides high performance, high value, low cost, affordable test and measurement instrument solutions for our customers. Our extensive support sources can help you choose right Our products for your specific applications and apply them successfully. Every instrument system we sell has a global warranty. All of our instruments are with at least 12 months factory warranty.

## 我们的承诺 Our Promises

我公司所有的测量仪器和测试系统均符合其资料所描述的功能和性能指标。一旦您选择了我公司产品，我们将为您提供合格的产品以及产品操作使用方法。对于有特殊功能的使用，我们会提供基本的测量帮助。

Our company' all test and measurement instruments and systems meet their advertised performance and functionality. When you select our product, we can help your product operation with our decade experiences, and provide the basic measurement assistance for the use of special capabilities.

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