



上海君阳光电有限公司

Shanghai KinYoung Photoelectric Co., Ltd.

## Adjustable Light Source KY3116

### Features

- Multi wavelength output
- Adjustable output power
- Tone generation, 270HZ,330HZ,1KHZ,2KHZ
- Output power display
- Together with JW3216 for Wave ID and Frequency ID
- Intelligent backlight control
- AA alkaline and AC adapter for power supply
- Low battery indication



### Specifications

Model	KY3116
Operating wavelength (nm)	1310/1550;1310/1490/1550/1625 (others specify on requests)
Applicable fiber	SM, MM
Laser type	FP-LD(others specify on requests)
Output Power(dBm)	-5~-7
Adjustable Step(dBm)	< 0.5
Adjustable Range	≥5
Stability(dB, 30min, 20℃)	0.15
Modulation (Hz)	CW, 270, 330, 1K, 2K
Fiber Port	FC/PC
Alkaline Battery	3*AA, 1.5V
Power Supply Adaptor(V)	8.4
Battery Operating time(h)	45 without backlight
Operation Temperature(℃)	-10 ~ +60
Storage Temperature(℃)	-25 ~ +70
Dimension(mm)	175*90*44.5
Weight (g)	231

### Standard Packages

MODEL	INCLUDING
KY3116	KY3116 Optical Light Source, 3pcs 1.5V Batteries, Power Adapter, User Manual, Cotton Stick and Soft Carrying Case.



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## Handheld Optical Power Meter KY3216

KY3216 Handheld Optical Power Meter is a newly designed fiber optic tester, which aims at the installation, engineering acceptance and maintenance of fiber network.

Compared with other usual power meters, the KY3216 has more functions, like automatic wavelength identification, auto wavelength switching, intelligent backlight, data saving via USB port.

Combined with KY3116 handheld optical light source, it offers a quick and accurate testing solution on both SM and MM fibers.

### Features

- Wave ID—Auto wavelength identification & switching
- Frequency ID ---Auto frequency identification
- 2 types of backlight modes, manual or outside light intensity, which indicated by LED light red or blue color.
- Intelligent backlight
- 1000 records storage or download via USB cable
- USB communication port for saved testing records download
- Reference power level can be set up and stored
- User self-calibrating function
- Auto-off function
- Up to 200hrs battery life



### Specifications

Model	KY3216A	KY3216C
Calibration Wavelength (nm)	850/1300/1310/1490/1550/1625	
Detector type	InGaAs	
Measurement Range (dBm)	-70 ~ +10	-50 ~ +30
Uncertainty (dB)	±0.15 (3.5%)	
linearity (dB)	±0.02	
Display resolution(dB)	0.01	
Frequency ID (Hz)	270, 330, 1K, 2K	
Wave ID (nm)	1310, 1490, 1550, 1625	
Date Storage Capacity	1000	
Communication Port	USB	

Connector	FC/SC/ST Interchangeable
Alkaline battery	3*AA, 1.5V
Power Adapter(V)	8.4
Battery Operating time (h)	200 without backlight
Operation Temperature(°C)	-10 ~ +60
Storage Temperature(°C)	-25 ~ +70
Dimension(mm)	175*90*44.5
Weight(g)	231

### **Standard Packages**

<b>MODEL</b>	<b>INCLUDING</b>
KY3216	KY3216 Optical Power Meter, 3pcs 1.5V Batteries, Power Adapter, User Manual, USB cable, CD, Cotton Stick and Soft Carrying Case.