

## X-0510 Optical Power Meter



X-0510 Mini-Designed Optical Power Meter is a self-developed test instrument which is widely used for installation, operation and maintenance of fiber-optic network. X-0510 can test optical power within the range of 800~1700nm wave length. There are 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm, six calibrated wavelength.

### **X-0510-A:**

Measurement range: -70~+10dBm, calibrated wavelength: 850nm、1300nm、1310nm、1490nm、1550nm、1625nm

### **X-0510-C:**

Measurement range: -50~+26dBm, calibrated wavelength: 850nm、1300nm、1310nm、1490nm、1550nm、1625nm

### **Features**

- ◇ Good stability in output power
- ◇ Optional auto-shutdown
- ◇ Large LCD display and backlight
- ◇ Battery power display

### **Applications**

- ◇ Maintenance Telecom
- ◇ Maintenance CATV
- ◇ Test Lab of Fiber Optic
- ◇ Optical fiber sensors

## Specifications

Model NO.	X-0510-A	X-0510-C
Measurement range dBm	-70~+10 dBm	-50~+26 dBm
Wavelength range (nm)	800~1650	
Calibrated wavelength	850nm、1300nm、1310nm、1490nm、1550nm、1625nm	
Detector	Inga As	
Accuracy	<math>\pm 3\%</math> (-10dBm、22°C)	
Resolution	Linearity: 0.1%, Non-linearity: 0.01dBm	
Working temperature	-10°C~+50°C	
Storage temperature	-20°C~+70°C	
Relative humidity	90% (+30°C) ,	
connector	Movable FC/PC SC/PC, ST/PC( LC as Optional)	
Power supply	3pcs AAA batteries	
DC power supply	Optional accessory which require special order,support wi	
Working hours	>120 hours (without backlight)	
Weight(g)	160g	

