



ST800 Optical Power Meter



1. Brief introduction

With a wide range of functions, ST800 optical power meter is a powerful tool for use in fiber-optic installation and maintenance. Its rugged, durable construction makes it the perfect choice for a wide range of field applications. It is also aimed to a very low cost optical power meter.

ST800 Optical Power Meter can test optical power within the range of 800~1700nm wavelength. There are 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm, six kinds of wavelength calibration points. It can be used for linearity and non-linearity test and it can display both direct and relative test of optical power.

This meter can be widely used in the test of LAN, WAN, metropolitan network, CATV net or long-distance fiber net and other situations.

2. Functions

- 1) Multi-wavelength precise measurement
- 2) Absolute power measurement of dBm or μW
- 3) Relative power measurement of dB
- 4) Auto off function
- 5) Low voltage indication
- 6) FC adapter
- 7) Handheld, large LCD backlight display, easy-to-use



3. Specifications

Wavelength range (nm)	800~1700
Detector type	InGaAs
Standard wavelength(nm)	850, 1300, 1310, 1490, 1550, 1625
Power testing range (dBm)	-50~+26 or -70~+10
Uncertainty	$\pm 5\%$
Resolution	Linearity: 0.1%, Logarithm: 0.01dBm

General specifications

Connectors	FC
Working temperature ($^{\circ}\text{C}$)	-10~+50
Storage temperature ($^{\circ}\text{C}$)	-30~+60
Weight (g)	210
Dimension (mm)	160×76×28
Battery	2 pcs AA batteries
Battery working duration(h)	No less than 75 (according to battery volume)
Auto power off time (min)	10

4. Ordering Information

Model No.	Power test range (dBm)	Adapter interface	Battery	Wavelength (nm)
ST800	-50~+26	FC	2 pcs AA batteries	850, 1300, 1310, 1490, 1550, 1625
ST800	-70~+10	FC	2 pcs AA batteries	850, 1300, 1310, 1490, 1550, 1625

Please tell us the model No. you need, and we can give you a proper price.