



## ST800K Optical Power Meter



### 1. Brief introduction

With a wide range of functions, ST800K 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.

ST800K Optical Power Meter can test optical power within the range of 800~1700nm wave length. 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

- a. Multi-wavelength precise measurement
- b. Absolute power measurement of dBm or xW
- c. Relative power measurement of dB
- d. Auto off function
- e. 270, 330, 1K, 2KHz frequency light identification and indication
- f. Low voltage indication
- g. Applicable to versatile adapters (FC, ST, SC, LC)
- h. 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~+3
Uncertainty	±5%
Resolution	Linearity: 0.1%, Logarithm: 0.01dBm
<b>General specifications</b>	
Connectors	FC, ST, SC or FC, ST, SC, LC
Working temperature (°C)	-10~+50
Storage temperature (°C)	-30~+60
Weight (g)	430 (without batteries)
Humidity	<85%(Relative Humidity)
Dimension (mm)	200×90×43
Battery	4 pcs AA batteries (lithium battery is optional)
Battery working duration(h)	No less than 75 (according to battery volume)
Auto power off time (min)	10

## Products of ST800K Optical Power Meter Series

Model No.	Power test range (dBm)	Adapter interface
ST800K-A	-50~+26	FC,ST,SC
ST800K-B	-50~+26	FC,ST,SC,LC
ST800K-C	-70~+3	FC,ST,SC
ST800K-D	-70~+3	FC,ST,SC,LC

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



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