

Stabilized light source instructions

Product overview

SG13WD15 stabilized light source can provide 2 wavelength stable output according to user's requirement, and provide dual wavelength output of 1310nm and 1550nm to single mode optical fiber measurement. It is an ideal test instrument for optical fiber engineering.

Product characteristics

High stability multi wavelength single mode laser output, CW mode or modulation mode

LCD shows the working wavelength status

Continuous working time up to 45 hours

Single key switching wavelength, flexible and convenient operation Automatic shutdown function can be set up

Technical index

Model	To configure	PON light source dedicated
SG13WD15	1310/1550nm	1310/1550nm

Detailed parameters

Light emitting device	FP-LD
Output power (dBm)	-7
Modulation	CW/270/1K/2K
Optical fiber category	SM,MM
Connector	FC/PC
Working temperature (°C)	-10+60
Storage temperature (°C)	-25+70
Auto off time (min)	10
Battery continuous operating time (h)	45
Power Supply	3 Section 5 batteries
Outline size (mm)	190*100*48
Weight (g)	400

Function description

1. Optical output: the FC type optical fiber connector can be connected with the signal receiving end of the device under test.
2. LCD display: LCD displays the output wavelength of light.
3. Power button: press the button in the shutdown state, turn on the machine and press (greater than or equal to 3 seconds) to turn off the light source.
4. AUTO OFF key: in order to save power, in the boot state automatic shutdown function, open the default (10 minutes after automatic shutdown), shutdown, automatic shutdown function, press this button (less than or equal to 3 seconds).
5. WAVE key: this key is used for cyclic switching of various wavelength outputs.
6. MODE key: the key can adjust the output power of the light source, and switch between CW, 270Hz, 1000Hz and 2000Hz.
7. LIGHT key: this key is used to turn on or off the background light.

Instructions

1. Connect the fiber optic connector to the light output port.
2. Press the power button to turn on, and the work light is on.
3. The output wavelength of the light source is adjusted by pressing the WAVE key.
4. The output power of the light source is adjusted by pressing the MODE key.
5. The various working conditions of the stabilized light source are displayed at the LCD of the instrument.
6. Power off: press the power button, indicating the lights out, LCD does not display, power off.

Configuration table

The host, product warranty card, Oxford package, certificate, 5 No. 3 batteries (optional).

Maintenance and maintenance considerations

1. If you do not use for a long time, please protect the light outlet with the dust cap, so as to avoid the pollution of the output port exposed to the air.
2. The stable light source after a period of time, the light outlet may be adhered to the internal sleeve of the dirt, causing the output power decreased when available alcohol swab to remove dirt, with a dry cotton swab to remove traces.
3. If not used for a long time, please remove the battery in time, avoid the battery automatic discharge, damage the battery shrapnel, affect the light source performance.