

# NK301 Stable Laser Source



## Product overview

NK301 series stable light source are mainly used for continuous optical signal power measurement, optical fiber link on-off test, link fault diagnosis and link loss test. It adopts thermal molding process, which is beautiful and durable. The whole machine has the function of adjustable output power, the maximum adjustment is 6dB.

NK301 series hand-held stable light source and optical power meter are used together. They are widely used in optical fiber construction and maintenance, optical fiber communication, optical fiber sensing, Optical CATV and other fields. They can also be used to test the insertion loss and splitting ratio of passive devices such as optical splitter, circulator, optical coupler and optical switch.

## Product features

Support automatic shutdown

Support backlight switch

Lithium battery, portable battery charging

Support SM/MM integration

Power is adjustable, the range is 6dB by 1dB step

Support CW and multiple modulation output

Support wavelength customization

Customized 1625nm/1650nm



Compact appearance  
Easy to carry



SM/MM integration  
4 wave integration



Ultra low power consumption  
72h working time



USB interface  
Portable battery charging



Environmental adaptability  
- 10°C~+50°C

## NK301 Technical specifications

LS		
Wavelength	850nm ±20nm/1300nm ±20nm	1310nm/1490nm/1550nm ±20nm
Fiber Type	62.5/125μm	9/125 μm
Laser Type	FP-LD	
Power	≤ -5dBm	
Stability	±0.02dB/8h	
Mode	CW/270Hz/1000Hz/2000Hz	
Power Regulation	0~6dB, 1dB Step	
Connector	FC/SC/ST	
Others		
Power Supply	Three AA Batteries / 1500mAh Rechargeable Lithium Battery (Options)	
Automatic Shutdown Time	10min	
Continuous Working Time	≥72h (LS Function)	
Operating Temperature	-10℃~+50℃	
Storage Temperature	-40℃~+70℃	
Relative Humidity	0~95% Non Condensing	
Size	186mm×100mm×50mm	
Weight	140g/150g	

## Ordering Information

NK301-A-B

A	B
LS Wavelength: S:1310/1550nm M:850/1300nm T:1310/1490/1550nm SM:850/1300/1310/1550nm Y:Customized	Battery: D:Dry battery L:Lithium battery
NK301 series description: LS wavelength must be selected, others options	

## Configuration list

NO.	Name	Quantity	Remarks
1	Host	1	
2	User's Manual	1	
3	Qualification Certificate/ Service Guarantee Card	1	
4	SC Adapter	1	
5	AA Battery	3	Dry battery selected
6	Lithium Battery	1	1500mAh
7	Data Line	1	Lithium battery selected