

NK300 Optical Power Meter/OPM+VFL Integrated Machine

Product overview



NK300 series are controlled by single-chip microprocessor but multifunction. The body design meets the functional requirements of human body and adopts advanced thermal molding technology, which is beautiful and durable. It can be well protected by using embedded detector and laser. The whole machine has automatic shutdown function, three red light modes, backlight display, wavelength memory function, user calibration, wide test range functions.

It is mainly used for continuous optical signal power measurement, optical fiber link loss test and optical fiber line on-off test. It is widely used in optical cable construction and maintenance, optical fiber communication, optical fiber sensing, Optical CATV and other fields.

Product features

Support simultaneous display of mW/dBm

Support user calibration

Support automatic shutdown/backlight switch

Support CW/1Hz/2Hz red light mode

Support wave memory when shutdown

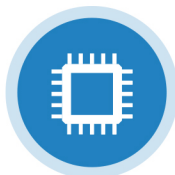
Support SC/FC/ST interface

120h working time

Supporting portable battery charging



Compact appearance
Easy to carry



5 function integration
Meet diversified test requirements



Ultra low power consumption
120h working time



USB interface
Portable battery charging



Environmental adaptability
-10°C~+50°C

NK300 Technical specifications

OPM		
Wavelength Range	800nm~1700nm	800nm~1700nm
Connector	FC/SC/ST	FC/SC/ST
Detector Type	InGaAs	InGaAs
Power Measurement Range	-70dBm~+6dBm	-50dBm~+26dBm
Uncertainty	±5%	
Calibration Wavelength	850nm/980nm/1300nm/1310nm/ 1490nm/1550nm/1625nm/1650nm	
Display Resolution	Linear display: 0.1%, Logarithmic display: 0.01dBm	
VFL (Options)		
Wavelength	650nm±30nm	
Power	2mW/10mW/30mW	
Mode	CW/1Hz/2Hz	
Connector	万能接头 FC/SC/ST	
Others		
Power Supply	Three AA Batteries /1500mAh Rechargeable Lithium Battery (Options)	
Automatic Shutdown Time	10min	
Continuous Working Time	≥120h (OPM Function)	
Operating Temperature	-10°C~+50°C	
Storage Temperature	-40°C~+70°C	
Relative Humidity	0~95% Non Condensing	
Size	186mm×100mm×50mm	
Weight	140g/150g	

Ordering Information

NK300-A-B-C

A	B	C
OPM Range: 5: -50dBm~+26dBm 7: -70dBm~+6dBm	VFL: 0: None 2: 2mW 10: 10mW 30: 30mW	Battery: D: Dry battery L: Lithium battery
NK300 selection description: OPM Range 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	AA Battery	3	Dry battery selected
5	Lithium Battery	1	1500mAh
6	Data Line	1	Lithium battery selected