

NK300 Technical specifications

OPM		
Wavelength Range	800nm~1700nm	800nm~1700nm
Connector	FC/SC	FC/SC
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	Universal FC/SC/ST	
Others		
Power Supply	3 AA batteries/1500mAh Rechargeable Lithium Battery(optional)	
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

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	Lithium battery selected
6	Data Line	1	Lithium battery selected

NK300 OPM/OPM&VFL



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 VFL 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

Single chip microcontrol
Multifunctional combination

Ultra low power consumption
120 h working time

USB interface
Portable battery charging

Environmental adaptability
-10°C~+50°C