

NK303A Optical Power Meter+Visual Fault Location

NK303B Light Source+ Optical Power Meter+Visual Fault Location



Product overview

NK303A Optical Power Meter + Visual Fault Location/ NK303B Light Source + Optical Power Meter+Visual Fault Location are mainly used for the measurement of optical signal power, stable light source output, insertion loss test, etc. They are controlled by a low-power single-chip micro-processor, but multi-function. OPM can be well protected by using the built-in detector. It has a compact shape, can choose backlight display and automatic shutdown, with ultra wide optical power test range.

NK303A/NK303B series are widely used in optical fiber construction and maintenance, optical fiber sensing, optical CATV and other fields. They can also be used to test insertion loss and splitting ratio of passive components such as optical splitter, circulator, coupler and optical switch.

Product features

- Support simultaneous display of mW, dBm and dB
- Support backlight switch
- Automatic wave recognition (optional, special LS required)
- Support LS / OPM / VFL integration
- Lithium battery, charged with portable battery
- Support backlight 4-level dimming
- Support user automatic calibration
- Working hours over 12 hours
- Support automatic frequency identification
- Support FC / SC / ST interface



High definition color LCD
Display more delicate



OPM/LS/VFL integration
Meet diversified requirements



2400mAh lithium battery
12h working time



1000 data saved
Export to computer via data cable



Environmental adaptability
- 10°C~+50°C

NK303A/B Technical specifications

OPM		
Wavelength	800nm~1700nm	800nm~1700nm
Connector	Universal FC/SC/ST	Universal FC/SC/ST
Detector Type	InGaAs	InGaAs
Power range	-70dBm~+6dBm	-50dBm~+26dBm
Uncertainty	±5%	
Calibrated Wavelength	850nm/980nm/1300nm/1310nm/ 1490nm/1550nm/1625nm/1650nm	
Resolution	Linear display: 0.1%, Logarithmic display: 0.01dBm	
Frequency Detected	270Hz/330Hz/1000Hz/2000Hz	
Storage	1000 traces	
LS		
Wavelength	1310nm±20nm/1550nm±20nm	
Laser Type	FP-LD	
Output Power	≤-5dBm	
Stability	±0.05dB/30min	
Mode	CW/270Hz/330Hz/1000Hz/2000Hz	
Power Regulation	0~6dB, step 1dB	
Connector	FC/UPC	
VFL		
Wavelength	650nm±30nm	
Output Power	≥10mW	
Mode	CW/1Hz/2Hz	
Connector	FC/UPC	
Others		
Power	2400mAh Rechargeable Battery	
Automatic Shutdown Time	10min	
Continuous Working Time	≥12h	
Operating Temperature	-10℃~+50℃	
Storage Temperature	-40℃~+70℃	
Relative Humidity	0~95% Non Condensing	
Size	186mm×100mm×50mm	
Weight	240g	

Ordering Information

Model and function description

NK303A1:OPM -70~+6dBm,VFL10mW

NK303A2:OPM -50~+26dBm,VFL 10mW

NK303B1:OPM -70~+6dBm,VFL 10mW, LS 1310/1550nm

NK303B2:OPM -50~+26dBm,VFL 10mW, LS 1310/1550nm

Configuration list

NO.	Name	Quantity	Remarks
1	Host	1	
2	User's Manual	1	
3	Qualification Certificate/ Service Guarantee Card	1	
4	Lithium Battery	1	2400mAh
5	Data Line	1	Lithium battery selected