SK300X Smart Optical Power Meter

Integrated Optical Power Meter, Red Light Source and Stable Laser Source

Key Features

- Integrated OPM, stable laser source and VFL function
- Both linear mW and nonlinear index dBm, dB simultaneous display
- Automatic wavelength recognition
- Automatic frequency identification
- Threshold setting
- User self-calibration
- Support 1000 data storage, export to computer via data line
- Support USB power supply
- Support backlight level 4
- Support FC, SC and ST interfaces
- Continuous working time over 12 hours

Saluki SK300X Smart Optical Power Meter is integrated optical power meter, red light source and stable laser source in one machine. The SK300X has the advantages of fully functional and reliable performance. Widely used in optical fiber construction and maintenance, optical fiber communication, optical fiber sensing, optical CATV and other fields. With a small shape, you can choose the backlight display and automatic shutdown function, with ultra wide optical power testing range.

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Technical Specifications

Parameters	Specifications	
OPM		
Wavelength range	800nm - 1700nm	
Connector	Universal FC/SC/ST	
Detector type	InGaAs	
Measurement range	-70dBm to +6dBm	-50dBm to +26dBm
Uncertainty	±5%	
Calibration wavelength	850/980/1300/1310/1490/1550/1625/1650nm	
Display resolution	Linear (mW): 0.1%, Logarithmic (dBm): 0.01dBm	
Frequency detected	270Hz/330Hz/1000Hz/2000Hz	
Storage	1000 traces	
LS		
Wavelength	1310/1550nm ± 20nm	
Laser type	FP-LD	
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	Universal FC/SC/ST	
Others		
Power supply	2400mAh rechargeable lithium battery	
Automatic shutdown time	10min	
Continuous working time	≥12h	
Operating temperature	-10℃ to +50℃	
Storage temperature	-40℃ to +70℃	

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Relative humidity	0 - 95% non condensing
Size	186mm × 100mm × 50mm
Weight	240g

Ordering Information

Module	Description
SK300X-A1	OPM range: -70dBm to +10dBm, VFL 10mW
SK300X-A2	OPM range: -50dBm to +26dBm, VFL 10mW
SK300X-B1	OPM range: -70dBm to +10dBm, VFL 10mW, LS 1310/1550nm
SK300X-B2	OPM range: -50dBm to +26dBm, VFL 10mW, LS 1310/1550nm

Configuration List

No.	Item	Qty	Remarks
1	SK300X host	1	/
2	U disk (Simulation software and user manual)	1	/
3	Lithium battery	1	2400mAh
4	Data line	1	

Attention: Due to the need for improvement, the above contents are subject to change without notice.