

# SAT-4E

## Optical Power Meter

**AITELONG**™  
Keeping your system safe and running!

### Wildly Used

Be mainly used to test continuous optical signal. It is applicable for optical construction, maintenance, communication, sensor and optical CATV, etc.



- ◎ Complete function, easy operation, and reliability.
- ◎ Controlling with single-chip microprocessor.
- ◎ Designed according to engineering request and double colors package-glue technics.
- ◎ Adopting new-type electric rubber switch, suitable for several operation environments.

### Technical index

Parameters	Unit	Technical index		
		SAT-4E11	SAT-4E12	SAT-4E13
Model		SAT-4E11	SAT-4E12	SAT-4E13
Detector		InGaAS		
Wavelength	nm	850~1700		
Working Wavelength	nm	850、980、1300、1310、1490、1550、1625		
Measurement accuracy	dBm	-70~10	-50~26	-50~+30
	W	0.1nW~10mW	10nW~400mW	10nW~1W
Measurement accuracy		±5%		
Optical interface		FC、ST、SC; MU/LC(optional)		
Resolution		dBm:0.01dBm W:(0.1~1)%		
Power supply		2×1.5V alkaline cells		
Working temperature	°C	-10~+50		
Storage temperature	°C	-40~+70		
External dimensions	mm	140×72×38		
Weight	Kg	0.25		

## Adopting new-type electric rubber switch

- ◎ RS232 interface, data could be uploaded to PC for analysis.
- ◎ 4.5Bit LCD display, multi-unit display modes for shift: nW, uW, mW, dBm, dB.
- ◎ Automatic range switching; Automatic turn-off, time setting range: 5~60mins; Automatic reset.
- ◎ Multi wavelength measurement, Auto frequency identifying: 270Hz, 1kHz, 2kHz.
- ◎ Setting serial number for instrument and instrument self-calibration function
- ◎ Low power alarming.
- ◎ Real-time Data monitoring function by PC



A301 Qinfeng Pavilion, Xi'an Software Park,  
No.68, 2nd Keji Road, Xi'an, Shaanxi, P.R.China  
710075  
Phone: +86 (29) 87669443  
Fax: +86 (29) 87669645  
Email: sales@aitelong.com

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