

# SAT-4E

## Optical Power Meter



- ◎ Handheld, complete function, easy operation
- ◎ Controlling with single-chip microprocessor
- ◎ Applicable for optical installation, maintenance, communication, CATV, etc.
- ◎ Ergonomics design and double-color encapsulation technology
- ◎ Built-in detector, avoid damage
- ◎ New-type conductive rubber switch, suitable for different operation environments.

### Key Features

- ◎ Wide dynamic range, up to 30dBm
- ◎ Multi display units: nW, uW, mW, dBm, dB
- ◎ Automatic multi wavelength switching
- ◎ Automatic turn-off, off time setting range 5~60mins
- ◎ Automatic zero clearing
- ◎ Low battery power alarming

### For model SAT-4E11, SAT-4E12, SAT-4E13, more functions are added

- ◎ Automatic frequency detection: 270Hz, 1kHz, 2kHz
- ◎ Data storage up to 1000 items; enables data transfer to PC via RS232.
- ◎ Self-calibration function
- ◎ Real-time data monitoring function by PC

### Technical index

Parameters	Unit	Technical index					
		SAT-4E01	SAT-4E02	SAT-4E03	SAT-4E11	SAT-4E12	SAT-4E13
Model		SAT-4E01	SAT-4E02	SAT-4E03	SAT-4E11	SAT-4E12	SAT-4E13
Detector		InGaAS					
Wavelength	nm	800~1700					
Working Wavelength	nm	850, 980, 1300, 1310, 1490, 1550, 1625					
Dynamic Rang	dBm	-70~+10	-50~+26	-50~+30	-70~+10	-50~+26	-50~+30
	W	0.1nW~10mW	10nW~400mW	10nW~1W	0.1nW~10mW	10nW~400mW	10nW~1W
Measurement Accuracy		±5%					
Optical Interface		FC, ST, SC; MU/LC(4E1X optional)					
Resolution		dBm:0.01dBm W: (0.1~1)%					
Power Supply		2×1.5V alkaline cells					
Power-off Time		None or 5~60 minutes adjustable					
Power Consumption	mW	30					
Working Temperature	°C	-10~+50					
Storage Temperature	°C	-40~+70					
Dimension	mm	140×72×38					
Weight	Kg	0.25					

Optional: 2 cells of AA Ni-MH rechargeable batteries, dedicated adapter