



# TC-50 Basic Optical Power Meter

TC-50 basic optical power meter series is a compact and an easy-to-use testing instrument for optical fiber networks, which can be used for absolute optical power measurements as well as for relative loss measurements in optical fibers. It has features of ingenious appearance, wide range of power measurement, high accuracy with high performance-to-price ratio.

## FEATURES

- Comfortable LCD display and backlight LCD display supports night operation;
- Power measurement is in dBm or mw and insertion loss is in dB
- Reference power level storage(Ref Setting)
- Low battery consumption: more than 240 hours continual operation time with three 1.5V alkaline batteries
- 10 minutes auto-off function can be activated or deactivated.

## SPECIFICATIONS

Sub Model	TC-50A	TC-50B	TC-50C	TC-50D
Measurement Range(dBm)	-70 ~ +3	-50 ~ +26	-70 ~ +3	-50 ~ +26
Optical Connector	FC/SC/ST		FC/SC/ST/LC	
Detector	InGaAs			
Uncertainty	±5%			
Calibrated Wavelength(nm)	850, 1300, 1310, 1490, 1550, 1625			
Resolution(dB)	0.01			
Wavelength(nm)	800 ~ 1700nm			
Power Supply	Alkaline Battery (3 AA 1.5V batteries)			
Battery Operating Time	240h with 1.5V Battery (3)			
Operating Temperature(℃)	-10 ~ +60			
Storage Temperature(℃)	-25 ~ +70			
Relative Humidity	0 to 95% (non-condensing)			
Dimension(mm)	200 X90 X50			
Weight(g)	285			

## PICTURES

