



# TC-48 Mini Optical Power Meter

TC-48 Mini-Designed Optical Power Meter is a self-developed test instrument which is widely used for installation, operation and maintenance of fiber-optic network. TC-48 can test optical power within the range of 800~1700nm wave length. There are 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm, six calibrated wavelength.

## FEATURES

- High measurement accuracy and display resolution
- Quick response and measurement: It can display fast-tracking and real-time measurement of optical power when output power changes
- Wide measurement range: it can provide 80dB of optical power measurement range
- Six calibrated wavelength: 850nm, 1300nm, 1310nm, 1490nm, 1550nm and 1625nm
- Provide absolute optical power measurement and relative power measurement.
- Real-time monitoring and displaying the battery level.
- Warning notice is available when the battery is low.
- AAA batteries which is more convenient to carry
- SC+ST+FC connectors are included
- Auto-off function
- Backlight LCD display
- User self-calibration function



## SPECIFICATIONS

Sub Model	TC-48A	TC-48B
Measurement Range(dBm)	-70 ~ +10	-50 ~ +26
Wavelength(nm)	800 ~ 1700nm	
Detector	InGaAs	
Accuracy	<±3% (-10dBm, 22 °C)	
Calibrated Wavelength(nm)	850, 1300, 1310, 1490, 1550, 1625	
Resolution	Linearity: 0.1%; Non-linearity: 0.01dBm	
Optical Connector	FC/SC/ST(FC-LC converter is optional)	
Power Supply	Alkaline Battery (3pcs AAA batteries)	
Battery Operating Time	>120h(without backlight)	
Operating Temperature(°C)	-10 ~ +50	
Storage Temperature(°C)	-20 ~ +70	
Relative Humidity	0 to 90% (non-condensing)	
Dimension(mm)	130 X69 X29	
Weight(g)	160	

## PACKAGING

TC-48 Mini Optical Power Meter	1pcs
SC/FC/ST Connector	3pcs
Soft Case	1pcs
User Manual	1pcs
Battery	3pcs
Quality Certificate	1pcs



### Test Srl

Strada Vicinale Battifoglia 14/N, 06132 Sant'Andrea delle Fratte (PG)

Web. [www.test.it](http://www.test.it)

Email. [info@test-italy.com](mailto:info@test-italy.com)