

TM203 optical power meter is a new generation, high performance and handheld optical network tester which adopts the latest precision laser exploration and processing technology. It is a composite optical power meter aimed at opening, maintenance, equipment research and development of optical network. It stays TM203's design small dimension for easy carrying but have new features for wider power measurement, higher accuracy and have date and time display on the screen. It is calibrated at a large number of wavelengths to enable power measurements on a wide range of Single Mode and Multimode fiber optic cable systems. The TM203 optical power meter defines a new industry standard for Installing testing, maintaining single mode and multimode networks and cables.

#### Description



#### Brief Introduction

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for Installing testing, maintaining single mode and multimode networks and cables.

## Applications

1. Optical fiber installations
2. Fiber optics installation and maintenance
3. CATV optical installations
5. Opt LAN, WAN and so on.
6. Optical network commissioning
7. Quality assurance and acceptance testing
8. Combined with laser source for optic fiber maintenance.

## Features

One-hand operation in the field.

Multi-wavelength precise measurement.

Absolute power measurement dBm or  $\mu$ W.

Relative power measurement dB.

SC, FC, ST and LC connector (universal) .

Real time clock, can display current time. Record the test time

Low voltage warning

Automatic power off under low voltage or without any operation in 3 minutes. ( Can be changes on request)

Energy-save design

Big and higher resolution LCD display

Stronger LCD backlit display

USB data transfer to PC

More than 120 hours duration using time

## SPECIFICATIONS

Wavelength range (nm)	800~1600
Detector type (nm)	InGaAs
Standard wavelength (nm)	850,980,1300,1310,1490,1550
Power testing range (dBm)	TM-203A Measurement Range: -70~+10dBm TM-203B Measurement Range: -50~+26dBm

Uncertainty	±5%
Resolution (dBm )	Linearity: 0.1% Logarithm: 0.01
<b>General specifications</b>	
Connectors	FC/PC, ST/PC, SC/PC(APC is also optional by fiber jumper)
Communication	USB port
Virtual serial port baud rate	19200
Memory capacity	255 groups
Working temperature (°C)	0~40
Storage temperature (°C)	-10~+60
Relative humidity	0% to 95% non-condensing
Weight (g)	260
Dimension (mm)	180*80*45
Battery	3.7V/1150mAh rechargeable lithium battery
Battery working duration	120 hours
Low voltage warning	≤3.4V
Auto shut off	≤3.2V
Auto power off time (min)	3

Address : Perpa Ticaret Merkezi, A Blok No.516 Şişli/İstanbul | Tel : +90 212 3204030 | Fax : +90212 3200255 | e-mail : info@telkolink.com

[www.telkolink.com](http://www.telkolink.com)

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**Haberleşme sistemlerinde yüksek performansı yakalayın**

