

# TM103N Optical Power Meter

## Brief Introduction

- TM103N Optical Power Meter is a self-developed test instrument which is widely used for installation, operation and maintenance of fiber-optic network. TM103N can test optical power within the range of 800~1700nm wave length. There are 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm, six calibrated wavelength.
- **TM-103N-A**
- Measurement range: -70~+10dBm , calibrated wavelength: 850nm、1300nm、1310nm、1490nm、1550nm、1625nm
- **TM-103N-B:**
- Measurement range: -50~+26dBm , calibrated wavelength: 850nm、1300nm、1310nm、1490nm、1550nm、1625nm
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## Key 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(other wavelength can be provided according to customer' s request)
- 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.
- Auto-off function
- Backlight LCD display
- AAA batteries which is more convenient to carry

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## Technical Specifications

Measurement range dBm	-70~+10 dBm	-50~+26 dBm
Wavelength range (nm)	800~1650	
Calibrated wavelength	850nm、1300nm、1310nm、1490nm、1550nm、1625nm (other wavelength will be on request)	
Detector	Inga As	
Accuracy	<math>\pm 3\%</math> (-10dBm、22°C)	
Resolution	Linearity: 0.1%, Non-linearity: 0.01dBm	
Working temperature	-10°C~+50°C	
Storage temperature	-20°C~+70°C	
Relative humidity	90% (+30°C),	
connector	Movable FC/PC SC/PC , ST/PC( LC as Optional)	
Power supply	3pcs AAA batteries	
DC power supply	Optional accessory which require special order Support wide range power input work (AC 90-240)	
Working hours	>120 hours (without backlight)	
Weight(g)	160g	
Dimension(mm)	130×69×29	

### Pictures:



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## Packing List

TM-103N Optical Power Meter	1pc
SC Connector	1pc
Soft case	1pc
User Manual	1pc
Quality Certificate	1pc

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