



1U Rackmount 4 ~ 16 Ports Multi-channel Optical Power Meter with High Power Measurement Capability

Ascentac TestMate1400 Series, Multi-channel Optical Power Meter, provides high accuracy for optical power measurement. It has a wide power range from +3 to -70dBm. It features high resolution, high stability and wide wavelength range.

Ascentac TestMate1400 Series supports Ethernet RJ45, RS232 and USB interface. With the Ethernet interface, the multi-channel optical power meter can be controlled remotely over the network. This multi-channel optical power meter also provides dual power supplies (AC & DC) to achieve power redundancy.

The 1U-high chassis design is convenient for mounting in a standard-sized, 19"-wide rack.

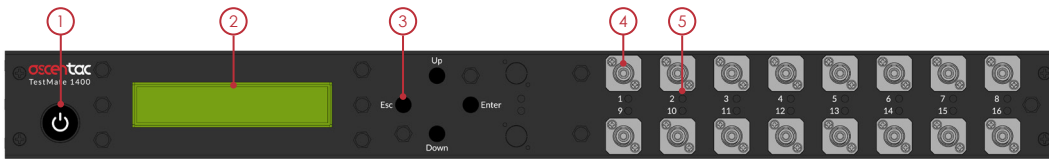
Benefits

- High resolution 0.01dB
- High accuracy $\pm 5\%$ dB
- High stability ± 0.2 dB
- Wide power range (+3dBm to -70 dBm)
- Wide wavelength range (1260nm to 1650nm)
- RJ45, RS-232 & USB interface

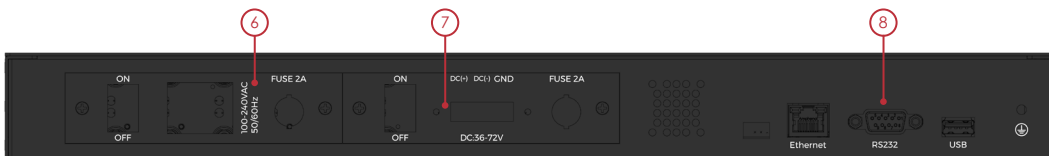
Application

- Research, production and testing of optical devices

Description



- ① Power status with LED indicator
Touch protector design to prevent unintended or accidental touch (Press power button for 2 seconds to turn on/off the power)
- ② Easy-to-read LCD display (IP address, current channel and related information)
- ③ Intuitive key for easy use
 - Up: Up or increment
 - Down: Down or decrement
 - Enter: Confirm
 - Esc: Exit or cancel
- ④ Optical interface: 4, 8, 12 or 16-Channel, option
- ⑤ Optical light path indicator
 - Green light: Current channel
 - Red light: Warning of abnormal status for current channel



- ⑥ Dual power, 1+1 redundant power
 - AC power supply: 100 to 240V (50/60Hz)
 - DC power supply: 36 to 72V
- ⑦ Fuse with UL Standard for safety
- ⑧ Ethernet RJ45 ,RS232 and USB interface

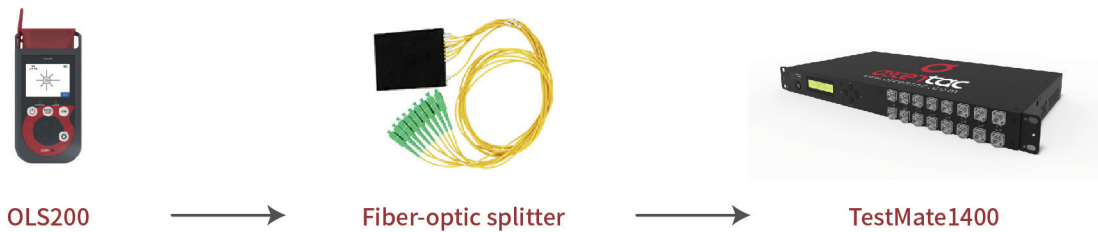
1U Managed Rackmount Design with High Flexibility

Ascentac TestMate 1400 Series can be mounted in a standard-sized, 19"-wide rack.
Width x Height x Depth : 438 x 44.4 x 238.2 mm



Applied to Optical Device Testing

Measuring the difference of optical power value from fiber-optic splitter to each channel




Specification

OPM	
Channel	4, 8, 12 or 16
Wavelength Range (nm)	1260 to 1650
Calibrated Wavelength (nm)	1270 / 1310 / 1490 / 1550 / 1625
Power Range (dBm)	+3 to -70
Accuracy (dB)	±5%
Stability (dB)	±0.2
Resolution (dB)	0.01
Connector Type	FC/PC or FC/APC
Standard Accessories	Main unit, USB to USB cable, Power cord, Rack mounting ears with screws, One-year warranty

Ordering Information

TestMate 03 - 014 X X

Channel 

- 1 : 4-CH
- 2 : 8-CH
- 3 : 12-CH
- 4 : 16-CH

Connector Type 

- 1 : FC / PC
- 2 : FC / APC

Example : TestMate 03-01411



Ascentac Inc.
Tax ID:50806831
Tel:07-398-1000
Fax:07-398-3965
Web:www.ascentac.com
Email:sales@ascentac.com
11F.-1, No. 80, Minzu 1st Rd., Sanmin Dist.,
Kaohsiung City 807, Taiwan (R.O.C.)



Distributor :