



ASCENTAC
**Fiber
VERA**

Multi-channel Optical Power Meter

Ascentac TestMate 1400

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

Feature

- 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

Introduction

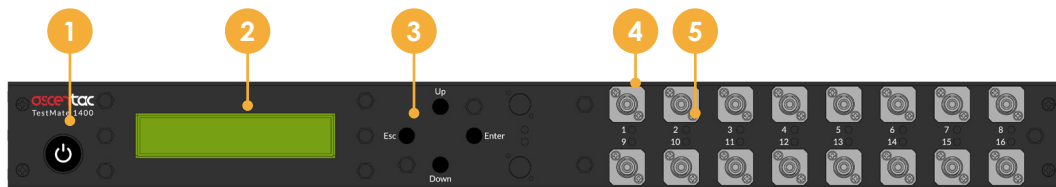
Ascentac FiberVERA TestMate1400 Series, Multi-channel Optical Power Meter, provides high accuracy for optical power measurement. It has a wide power range from +3 to -70dBm. It features high resolution, high stability and wide wavelength range.

It 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.

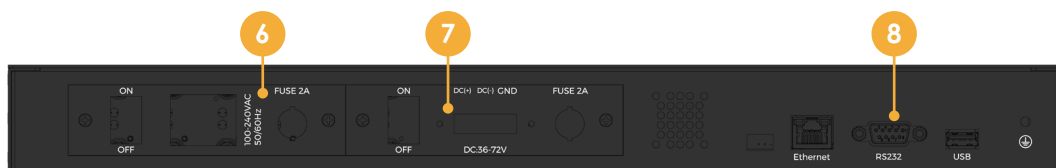
Description

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

Appearance



- 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

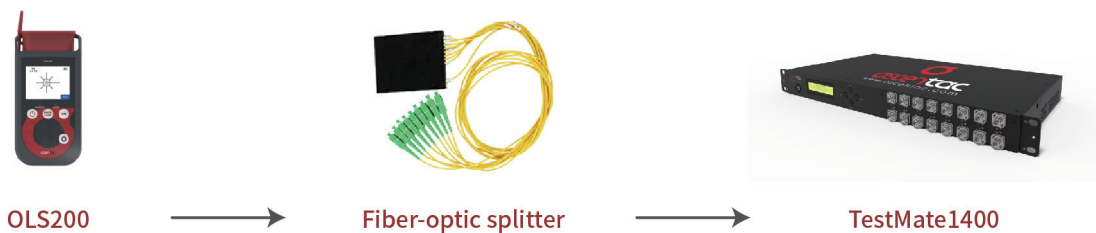
Ascentac TestMate 1400 Series can be mounted in a standard-sized, 19"-wide rack.
Width x Height x Depth : 438 x 44.4 x 238.2 mm

Flexible mounting bracket for easy installation in a rack



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



Example: OCI 01-00624-1-0



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For the latest information regarding this product, please visit our website at <http://www.ascentac.com>



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