Ascentac TestMate1500 Series, Multi-channel Optical Light Source, a Distributed Feedback (DFB) laser source, features a wide wavelength range for single mode fiber test application. It uses the advanced technique of Automatic Photo Power Control (APC) to provide stable output power.

Multi-channel Optical Light Source

Ascentac TestMate1500

1U Rackmount 1 ~ 16 Ports Multi-channel Optical Light Source with High-stability & Wavelength-controlled DFB Laser Sources

Feature

- Stable output wavelength
- Stable output power
- CW (Continuous wavelength)
- RJ45, RS-232 & USB interface

Application

- Research, production and testing of optical communication and optical transmission
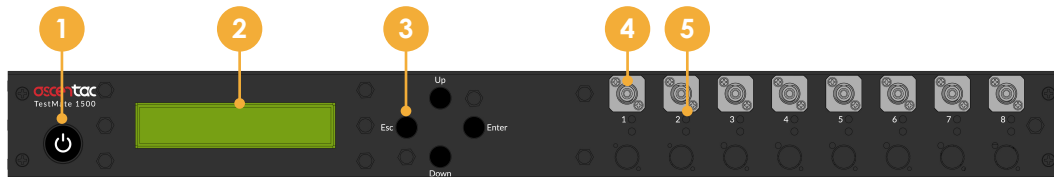- CWDM & DWDM network

Description

Ascentac TestMate1500 Series supports Ethernet RJ45, RS232 and USB interface. With the Ethernet interface, the multi-channel optical light source can be controlled remotely over the network. This multi-channel optical light source also provides dual power supplies (AC & DC) to achieve power redundancy.
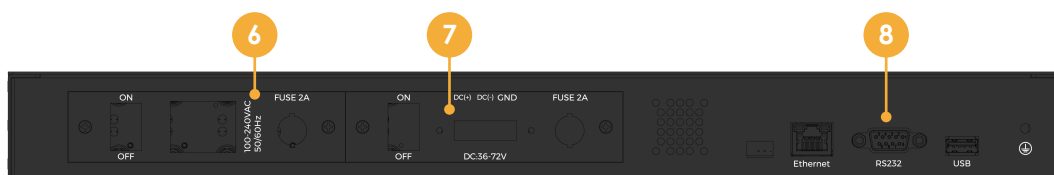
The 1U-high chassis design is convenient for mounting in a standard-sized, 19"-wide rack.

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

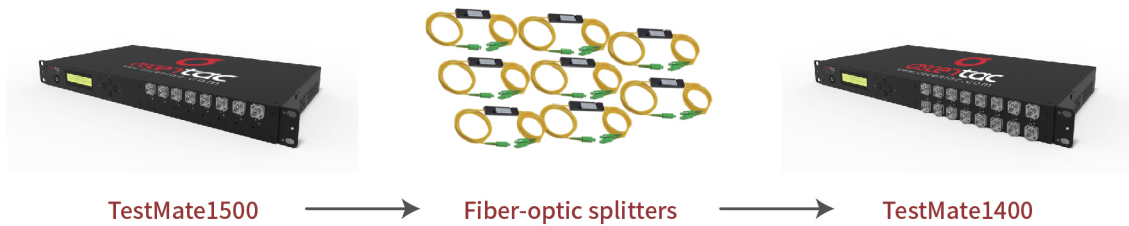**8** Ethernet RJ45 ,RS232 and USB interface

1U Managed Rackmount Design with High Flexibility

Ascentac TestMate1500 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

238.2 mm

44.4 mm

438 mm

Applied to Optical Device Testing

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

TestMate1500 ⟶ Fiber-optic splitters ⟶ TestMate1400

Specification

OLS	
Channel	4, 8, 12 or 16
Emitter Type	DFB (Distributed Feedback Laser)
Wavelength (nm)	1270 / 1290 / 1310 / 1330 / 1350 / 1370 / 1390 / 1410 / 1430 / 1450 / 1470 / 1490 / 1510 / 1530 / 1550 / 1570 / 1625
Output Power (dBm)	≥ 0
Stability (dB)	± 0.05 @ 1 hr ± 0.1 @ 24 hr
Operating Mode	CW (Continuous Wavelength)
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 - 015 X X

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

Connector Type
1 : FC / PC
2 : FC / APC

Note : 1. Output Power ≥ 0 dBm

Example : TestMate 03-01511

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

Made In Taiwan

Contact us