Ascentac OCI610, Optical Fiber Identifier, can detect optical signal presence, type and direction and measure relative optical power anywhere on a single-mode or multiple-mode fiber. Its reliable and safe macro–bending technique does not disrupt service. Nor does it overstress or damage fibers.

Ascentac OCI610 Series can automatically identify frequencies of 270Hz, 1kHz, or 2kHz. Its OLED display ensures visibility even under direct sunlight, and in bright environments, the device supports ambient light calibration.

The series is compatible with 0.25mm bare fiber and fiber patch cords of 0.9mm, 2.0mm, and 3.0mm. The four-in-one design eliminates the need for changing clamps.

Optical Fiber Identifier

Ascentac OCI610

Quickly and Accurately Identify the Target Fiber without Damaging the Fiber or Disrupting the Network.
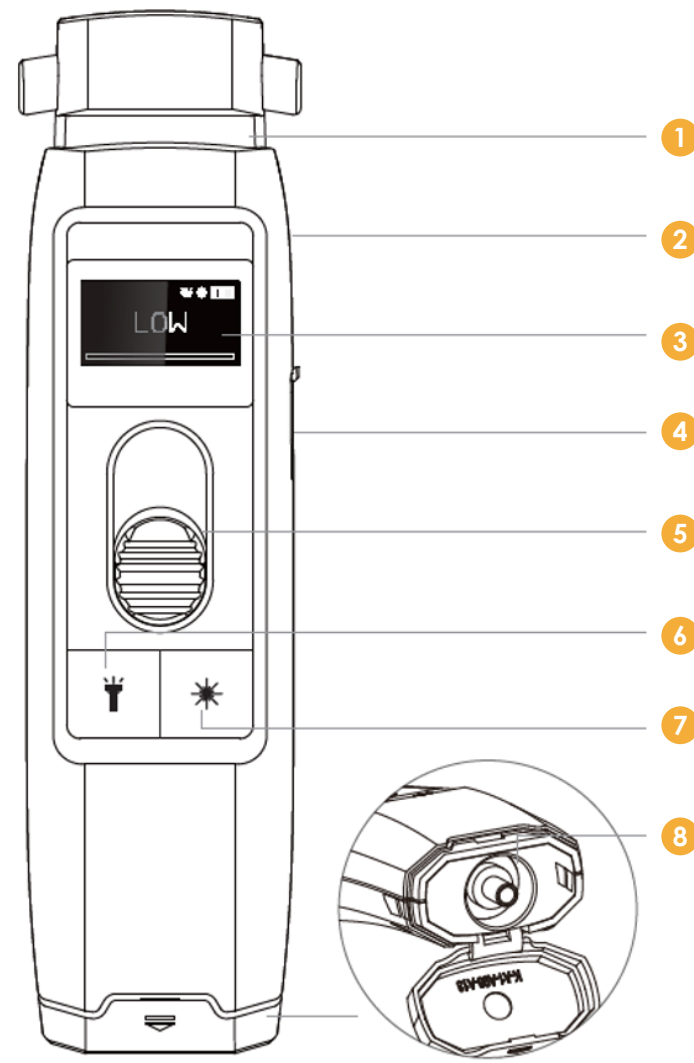
Features

- Self-contained light shielding cap reduces interference from ambient light.

- 4-in-1 Universal fixture

- Automatic identification of frequency (270Hz, 1kHz, or 2kHz)

- Built-in 10mW VFL for fault locating and LED for dark construction

- USB Type-C charging

- Utilizes macro-bending technology for non-destructive measurements.

Applications

- Telecom maintenance
- CATV maintenance
- Optical fiber testing
- Other fiber optic maintenance

Description

① Fiber clamp slot		⑤ Trigger of fiber identifier	
② LED flashlight (rear)		⑥ LED flashlight control button	
③ OLED display		⑦ VFL control button	
④ Type-C charging port (side)		⑧ VFL optical port (bottom)	

Specification

Optical Fiber Identifier	
Wavelength Range (nm)	700 to 1700
Fiber Type(mm)	0.25, 0.9, 2.0, 3.0
Direction Recognition Range (dBm)	+10 to 40 @ 1550nm
Signal Direction Indication	Left, Right
Frequency Recognition (Hz)	270, 1K, 2K

VFL Specification	
Wavelength (nm)	650 $\pm$ 15
Output Power (mW)	10
Distance Range (km)	8
Operation Mode	CW (Continuous Wave), pulsed (2Hz)
Optical Connector	Universal 2.5mm

Others
0.96-inch OLED display
LED flashlight illumination
Buzzer alert

Power Supply	
Lithium Battery Capacity (mAh)	400
Battery Life (hours)	OCI mode: Approximately > 8 LED mode: Approximately > 5 VFL mode: Approximately > 2.5
Power Input	1.Type-C 2.5V / 500mA

Environment	
Working Temperature (℃)	-10 to 50
Storage Temperature (℃)	-20 to 70
Relative Humidity (%)	5 to 95, non-condensing

Dimension and Weight	
L x W x H (mm)	41 x 32 x 152
Weight (g)	80

Standard Accessories
Main unit, Type-C cable, 1-year warranty

Ordering Information

OCI 01-00610

Note: 1. VFL with built-in universal 2.5mm tip sleeve.

Example：OCI 01-00610

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

Made In Taiwan

Contact us