

## PRODUCT SPECIFICATION

# OPTICAL FIBER IDENTIFIER



## 1. Description

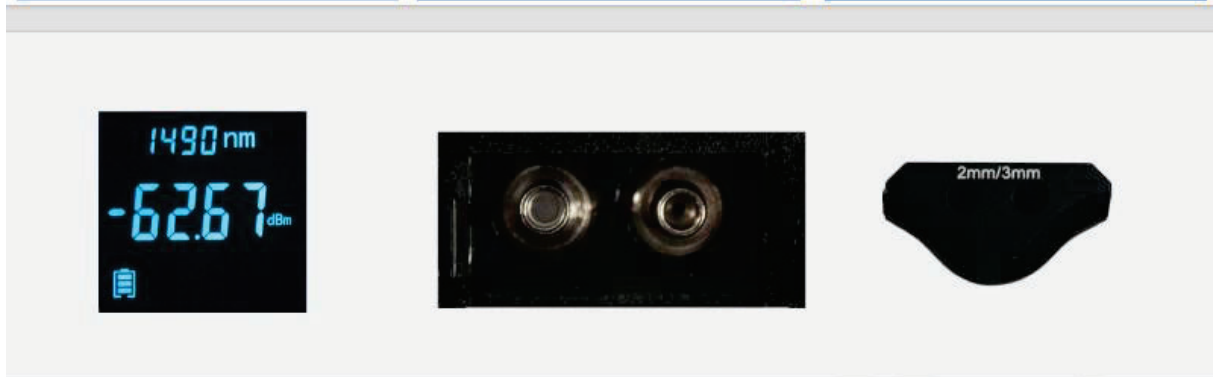
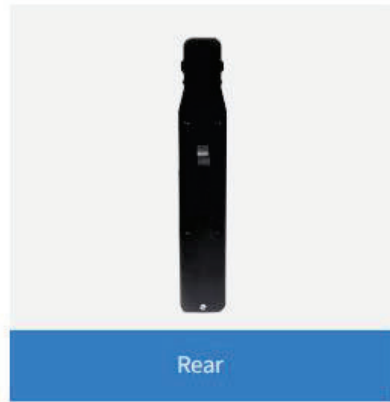
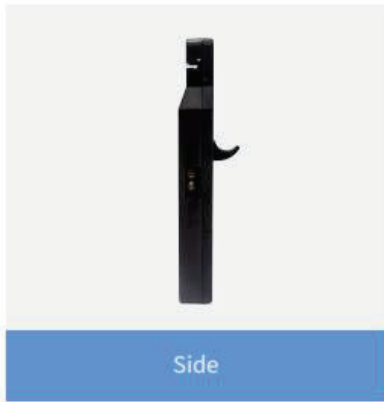
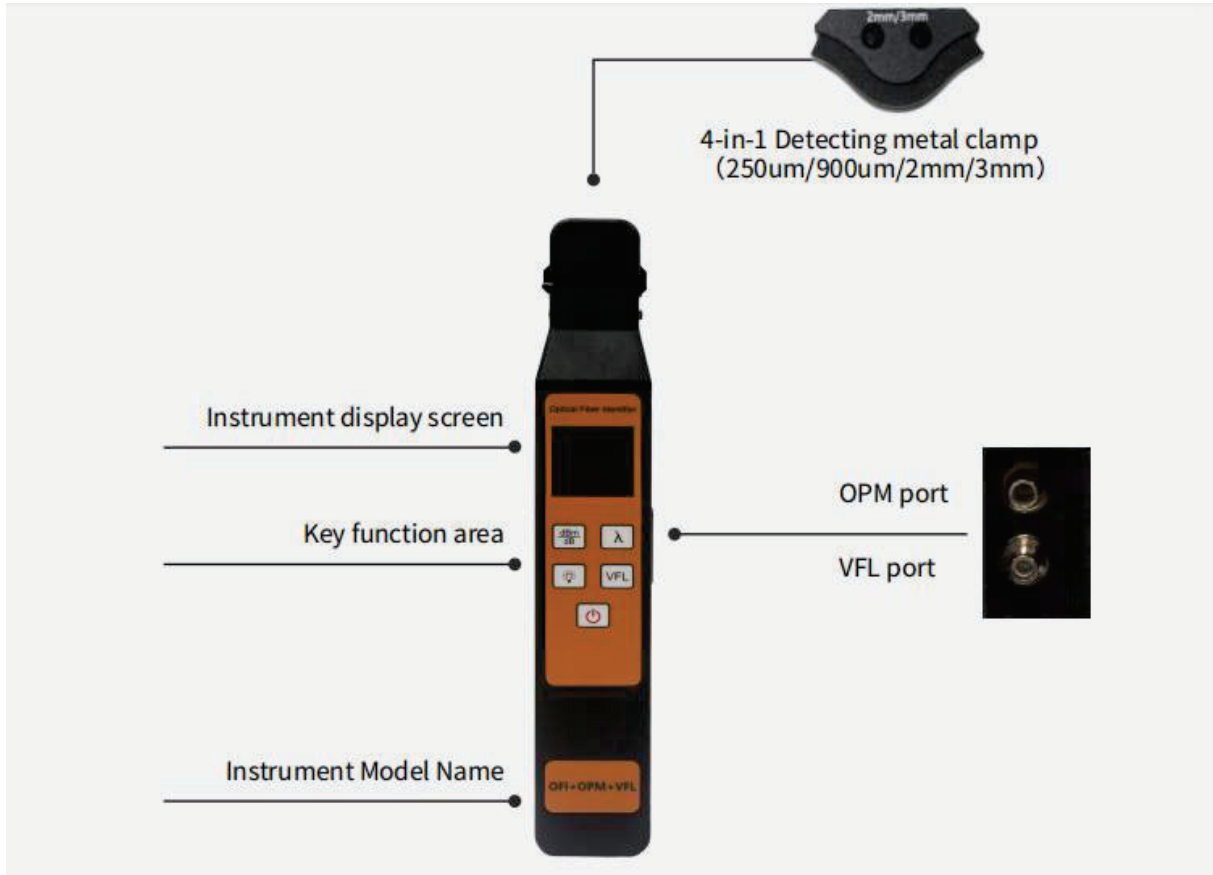
Optical Fiber Identifier is an important tool for optical maintenance, which is used for nondestructive fiber identification project. Meanwhile it also has Visual Fault Locator module with fault location function and power meter function. Using the macro bending technology on line for nondestructive testing, it can measure the signal direction and power and avoid mis-operation resulting in interrupted lines.--Macro bending measurement. Macro bends are the use of fiber-optic bending leak out when the weak optical signal, optical signal to detect the direction and intensity. Does not damage optical fiber, without interrupting communications, and direct detection of 2.5mm bare fiber, 0.9mm and 2.5mm fiber casing tight jumper.

## 2. Product Features

- 1) Build in 10 mW VFL function
- 2) Build in OPM
- 3) Metal gripper, no need to change the adapter
- 4) Low battery monitoring function
- 5) Tone identification, Optical Fiber Identifier can detect optical signals in the tone signal
- 6) Fixed load, 270Hz, 1KHz and 2KHz, to identify a specific optical fiber, can quickly find the necessary fiber

## 3. Introduction





## 4. Specification

<b>Wavelength</b>	800nm-1700nm
<b>Pass through insertion loss:</b> 1.250um / 900um optical fiber 2.2.0 / 3.0 optical fiber	1. 1.0dB 2.1 5dB
Application of optical fiber	250um/900um/2mm/3mm optical fiber
Identified Signal Type	270HZ/1KHZ/2KHZ
Identification of modulated signals	Yes
Power Measurement	Yes
Display	LED color screen
T one	Yes
Low power monitoring	Yes
Detector type	300um InGaAs

<b>Specifications of VFL</b>	
Wavelength:	650nm±10nm
Output Power:	10 mW
Fiber Port:	2.5 universal connector
<b>Specifications of OPM</b>	
Wavelength	800~ 1700nm
Calibration certificate	850/1300/1310/1490/1550/1 625nm
Measurement range	- 50~+ 26dBm
Connector type	2.5 universal connector
Power supply:	2*AA 1.5V Alkaline Battery
Operation Temperature:	-10°C ~+50°C
Storage Temperature:	-20°C ~+70°C
Outline size	230*43*36mm
weight	200g

## 5. User instructions

- (1) Insert the fiber to the adapter head,push the button upto lock clamp.
- (2) When optical signal passes the fiber,the LED illuminator will indicate the traffic's direction with intermittently audible tone and the relative core power will be also displayed in digital format.
- (3) If no optical signal passes the fiber,the LED illuminator is dead and the “LO” will be displayed inthe relative core power position.
- (4) Fiber identifier can also detect the presence of 2KHz,1KHz and 270Hz modulated tone with the continuously audible tone.