Introduction

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. Doesn't damage optical fiber, without interrupting communications, and direct detection of 2.5mm bare fiber, 0.9mm and 2.5mm fiber casing tight jumper.

Features

Metal gripper
No need to change the adaptor
Build in VFL function
Build in OPM function
Display the relative core power
Indicate the signal directions and power in fiber
Indicate live or dark fiber
Efficiently identifies the traffic direction and frequency tone
Detect 270Hz, 1kHz, 2kHz from laser source
Lower power indication

Specification

Optical Fiber Identifier	
Wavelength	800nm-1700nm
Pass through insertion loss	250um / 900um optical fiber: 1.0dB 2.0 / 3.0 optical fiber: 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
Tone	Yes
Low power monitoring	Yes
Detector type	InGaAs
Optical Power Meter	
Wavelength	800nm-1700nm
Calibration certificate	850/1300/1310/1490/1550/1625nm
Measurement range	-70~+10dBm or -50~+26dBm
Connector type	2.5 universal connector
Visual Fault Location	
Wavelength	650nm±10nm
Output Power	10mW
Fiber Port	2.5 universal connector
Other	
Power supply	2*AA 1.5V Alkaline Battery
Operation Temperature	-20℃~+60℃
Storage Temperature	-30℃~+70℃
Outline size	220*38*28mm
Weight	145g