

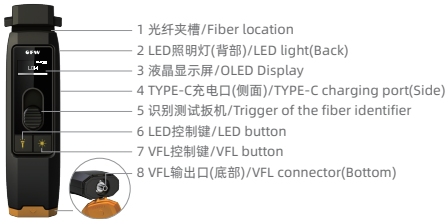


光纤识别仪  
OPTICAL FIBER IDENTIFIER

操作说明书  
User's Manual

## 概述/Description

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## 充电指示

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开机状态充电

开机状态下，接入充电器后，菜单栏显示充电图标，且电量图标轮询显示，充满后电量图标显示满格



关机状态充电

关机状态下，接入充电器后，屏幕中间电量图标轮询显示，充满后电量图标显示满格

## 开/关机




短按“”或“”键，仪表开机并打开相应的功能，关闭相应功能后仪表自动关机。此时长按“”键可快速关机

支持快速测试，任何状态下(包括关机状态)向上推动识别仪扳机可以直接进入识别仪功能，测试结束后自动返回至之前的状态

## 省电功能





省电功能状态

在LED、VFL功能界面，当菜单栏显示“”图标，无按键操作10分钟后，仪表自动关机



取消省电功能状态



在LED、VFL功能界面，长按“”键，“”图标消失，取消省电功能

## 光纤识别仪-环境光校准

A black rectangular screen with the text "Calibration Success" in white. In the top right corner, there is a small white icon consisting of three vertical bars of varying heights, representing a battery level indicator.

Calibration  
Success

校准成功提示

在识别仪功能界面，长按“” + “”键，环境光校准，蜂鸣器长鸣一声，提示校准成功

A black rectangular screen with the text "Calibration Failure" in white. In the top right corner, there is a small white icon consisting of three vertical bars of varying heights, representing a battery level indicator.

Calibration  
Failure

校准失败提示

当前环境光超过校准限值或两侧PD信号差值过大时，蜂鸣器短鸣三声，提示校准失败

## 光纤识别仪-界面显示切换



光功率强度指示条显示界面  
(稳定光输入)

在识别仪界面长按“”键，切换光功率值显示与光功率强度指示条显示两种界面



光功率值显示界面  
(稳定光输入)

## 光纤识别仪-信号和载波

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稳定光输入

当光纤中有单方向传输的信号时，识别仪可正常判断信号方向，并通过界面提示方向



带载波信号光输入

当检测到270Hz/1kHz/2kHz的载波信号，屏幕显示频率值的同时蜂鸣器发出间歇鸣响；当检测到其他载波信号时，屏幕显示频率值，蜂鸣器无反应

## 光纤识别仪-测量说明



可测光纤示意

本产品可测250um/900um/2mm/3mm  
单模和多模光纤

采用宏弯技术测量，无损光纤

在不损害光纤的情况下，有效地识别光纤  
传输方向和音频调制信号（270Hz,1kHz,2kHz）

无需更换夹纤头即可测量各种直径光纤

注意：由于光纤跳线制造工艺不同，不能  
保证所有此类跳线都能被测量

## VFL和LED手电筒




VFL开启



LED开启



LED开启, VFL闪烁

在识别仪界面/关机状态, 短按 “” 键可控制VFL红光源的开-闪烁-关

在识别仪界面/关机状态, 短按 “” 键可控制LED手电筒的开关

## Charging Indication

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Power on state charging

When charging with the power on, the charging icon will be displayed in the menu bar, and the battery icon will be displayed in a polling manner. When fully charged, the battery icon will display full scale.






Power off state charging

When charging with the power off, the battery icon in the middle of the screen will be displayed in a polling manner, and the battery icon will display full when fully charged.

## ON/OFF

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Short press "  " or "  " button, the device and the corresponding function will be turned on, and the device will automatically shut down after the corresponding function is turned off. At this time, long press the "  " button to quickly shut down.

Support quick test, in any state (including shutdown state), push the trigger of the fiber identifier up to directly enter fiber identifier function, and automatically return to the previous state after the test.

## Power Saving Function

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Power saving  
function status

In the LED and VFL function interface, when the menu bar displays "⏻" icon, the device will automatically shut down after 10 minutes of no operation.



Cancel the power  
saving function status

In the LED and VFL function interface, long press the "⚡" button, "⏻" icon disappears, and the power saving function is cancelled.

## Optical Fiber Identifier-- Environment Light Calibration

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Calibration  
Success



Calibration success

In the fiber identifier function interface, long press the "  " + "  " button, until the buzzer beeps a long time, the environment light is calibrated successfully.

Calibration  
Failure



Calibration failure

When the current environment light exceeds the calibration limit or the difference between the PD signals on both sides is too large, the buzzer sounds three short beeps, indicating that the calibration has failed.

## Optical Fiber Identifier- Interface Display Switching


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The intensity bar  
interface of optical power  
(Stable light input)



Optical Power value  
interface  
(Stable light input)

In "Optical Fiber Identifier", long press "" to switch two display interfaces: the intensity bar of optical power and optical power value interface.

## Optical Fiber Identifier--Signal and Carrier Frequency

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Stable light input



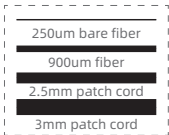
Optical input with carrier frequency

When the signal transmitted in one direction in the fiber, the device can judge the direction of the signal, and prompt the direction through the interface.

When a 270Hz/1kHz/2kHz carrier frequency is detected, the screen displays the frequency value and the buzzer sounds intermittently; when other carrier frequency is detected, the screen displays the frequency value and the buzzer has no response.

## Optical Fiber Identifier--Measurement Instructions

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Available for different fiber

Available for 250um/900um/2mm/  
3mm SM/MM fiber

Based on non-destructive technology  
Effectively identify the fiber transmiss-  
ion direction and modulation signal (270Hz,  
1kHz, 2kHz) without damaging the fiber.

No need to replace the clamp block for  
different fiber

Note: Due to the different manufacturi-  
ng process of patch cords, there is no guar-  
antee that all such patch cords can be mea-  
sured.

## VFL and LED Light

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VFL




LED



LED light on, VFL glints

In the fiber identifier interface/off state, short press the "  " key to control the CW-GLINT-OFF of the VFL.

In the fiber identifier interface/off state, short press the "  " key to control the LED light ON/OFF.

