

# OTDR

ZS1000-A / ZS1000-B  
**SMART OTDR**



OTDR | iOLA | OPM | OLS | VFL | LED Light

**SUPER MINI OTDR**

# why choose ZS1000-A/B



The iOLA function to quickly identify event details

\*Display ICONS



Standard only for S5F models

Stable and efficient Professional in fast repair

1577nm with filter



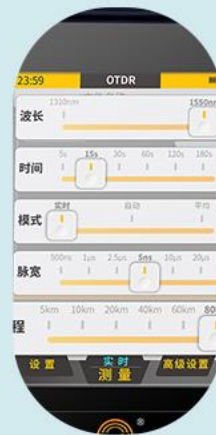
Mini and compact comprehensive and powerful



Autonomous algorithm chip



Support live test



Max.80km range setting



3.5inch high-definition multi-touch screen



similar to mobile phone UI, new operation experience



Hidden interface, dust-proof rubber sleeve



LED light

# Support live test

Advanced wavelength isolation technology support live test



Even with live test, it will not cause damage to the optical components, and strictly protect its own precision part

# iOLA function

Icons + Text, which can quickly identify event details

**iOLA**

\*Name: \_\_\_\_\_

A ————— B

No.	Dis.	Loss		Ref.	
		1310	1550	1310	1550
99/99	---	---	---	---	---
1/6	---	---	---	---	---
1/6	---	---	---	---	---

+

$\lambda$ : 1310 ---

Loss: ---dB ---dB

Dist: ---km

23s

**CAUTION**  
LASER RADIATION  
DO NOT STARE INTO BEAM  
OR POINT AT OTHERS  
LASER SAFETY INSTRUCTIONS  
READ USER MANUAL

Laser radiation!!

Set Stop TEST File

Start Event

Splice Event

Macro-bending Event

Flange Event

Mshape Event

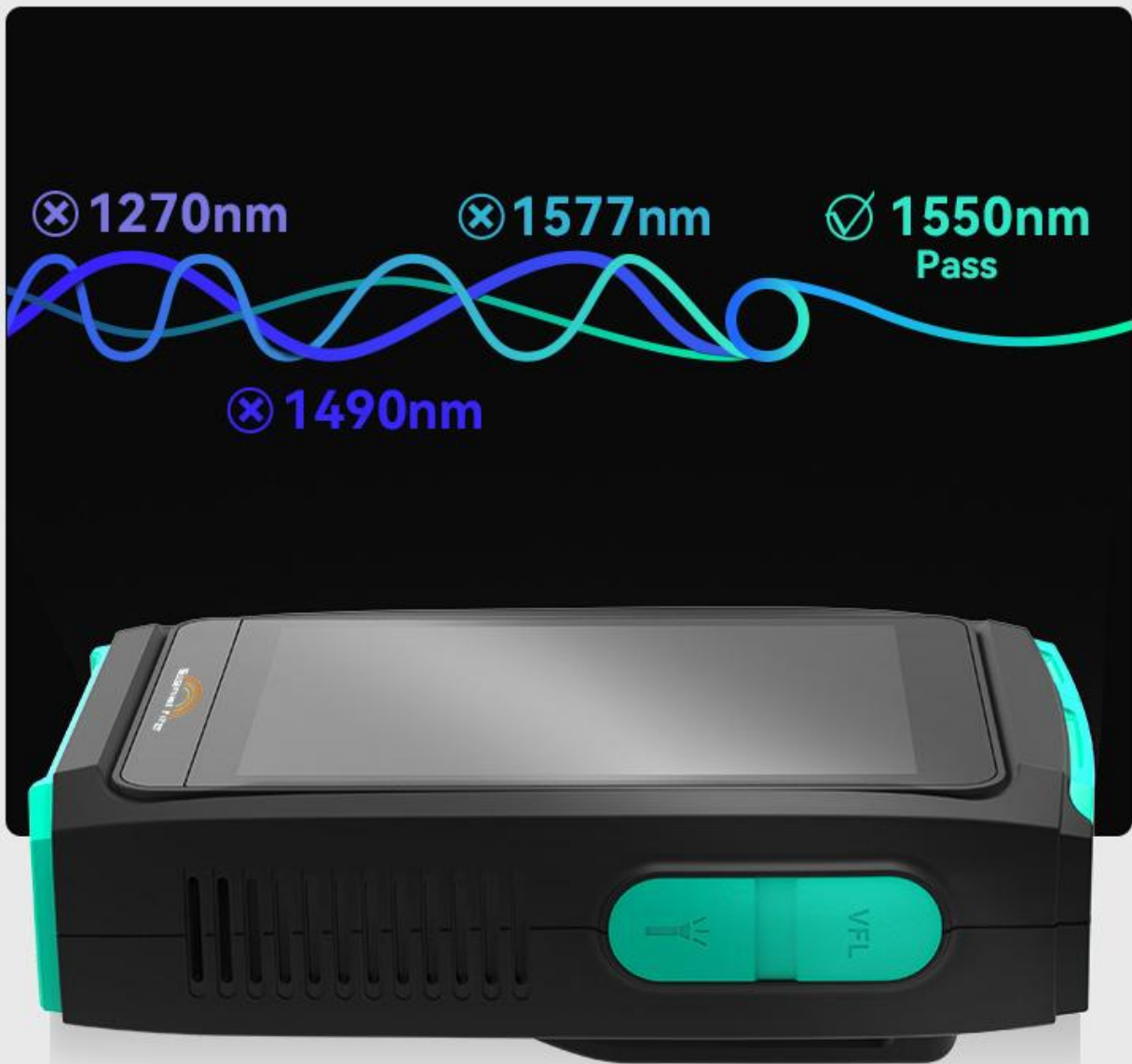
Splitter

End Event

Fail

# Professional in fast repair

STANDARD ONLY FOR S5F MODELS



It can perform  
test on 1490nm and 1577nm links

# Max.80km range

Accurate measurement, powerful performance



Signal fire®

# Support live test

Advanced wavelength isolation technology  
support live test

Single-wave only

**ZS1000-B**

supports this function

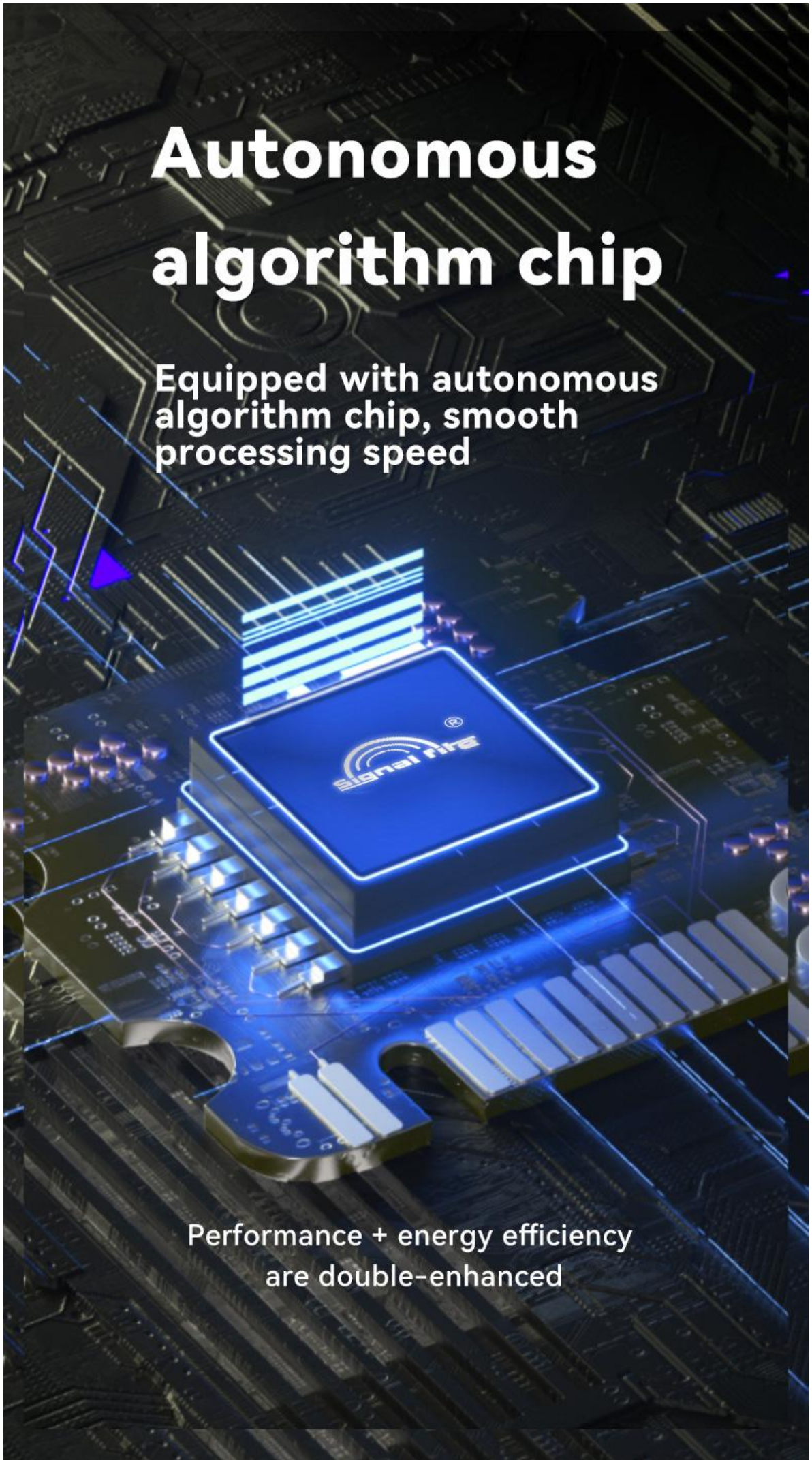


Even with live test, it will not cause damage to the optical components, and strictly protect its own precision part

# Autonomous algorithm chip

Equipped with autonomous  
algorithm chip, smooth  
processing speed

Performance + energy efficiency  
are double-enhanced



# 3.5-inch high-definition multi- touch screen



multi-touch, fast and sensitive response, colorful  
soft light screen, does not hurt the eyes.

# NEW UI

MOBILE PHONE-LIKE UI,  
SMOOTH OPERATION



3.5-inch high-definition touch screen, mobile phone operation design,  
support multi-touchSupport horizontal display,view OTDR curve more  
clearly·High-resolution LCD,even in strong sunlight,  
user can use the device easily and clearly

# HIDDEN INTERFACE, METICULOUS PROTECTION

OTDR, VFL, OPM, USB, ALL INTERFACES ARE DUST-PROOF



Mainstream Type-C interface is compatible with mobile phones

# MORE DETAILS

PRACTICAL AND CARING

## Back clip with lanyard

Intimate and portable



## Convenient in dark night working condition

LED Light + 10-level backlight adjustment



# Excellent battery life

Rechargeable lithium battery, battery capacity 2000mAH; can be used as a power bank, suitable for long-term outdoor work.



# Secure and stable

Back-mounted cooling hole design,  
stable and silent



# PRODUCT PARAMETERS

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# PARAMETERS

## ZS1000-A / ZS1000-B

Dynamic Range	20dB
Test Range	0.1~80km
Wavelength	<b>ZS1000-A:</b> 1550/1310(±20nm) double wave <b>ZS1000-B:</b> 1550/(±20nm) single wave
OTDR/OLS Connector	SC/UPC
Pulse Width	5ns~20us
Measurement Time	5s~180s
Measurement Mode	Real time,Average,Automatic
Attenuation Dead Zone	12m
Event Dead Zone	<3m
Sampling Point	8000
Input Light Detection	Support
Maximum allowable power for light test	1277nm <10dBm 1310nm <10dBm 1490nm <10dBm 1577nm < 10dBm
<b>iOLA</b>	<b>Only the ZS1000-A support</b>
OPM	-50~+26dBm 850/1300/1310/1490/1550/1625nm 2.5mm universal connector
VFL	10mW 2.5mm universal connector
LCD	3.5-inch high-definition touch screen
Type-C Cable	Type-Cx1
Self-calibration	Support
LED Light	Support
Working Temperature	0°C~50°C
Storage Temperature	-20°C~70°C
Relative Humidity	<90%
Size(H*W*D)	117mm×70mm×33mm
Weight	About 217g

# PACKING LIST

ZS1000-A / ZS1000-B



- FWT100 OTDR x 1
- Type-C data line x 1
- Lanyard×1
- Manual ×1
- Carrying Bag×1