

# mini OTDR

ZS1000-A / ZS1000-B



OTDR

OPM

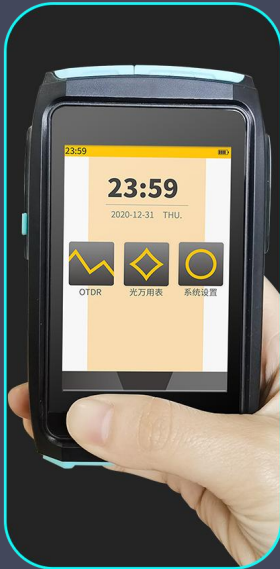
OLS

VFL

LED Light

5-in-1

# Why choose ZS1000-A/B



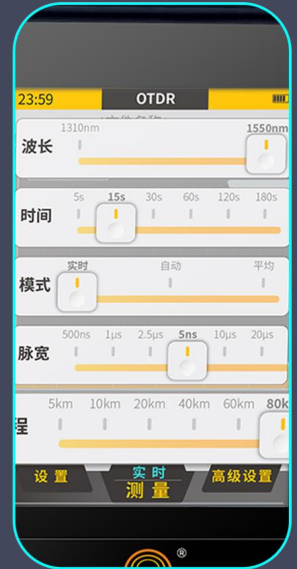
mini and compact.  
comprehensive  
and powerful



autonomous  
algorithm chip



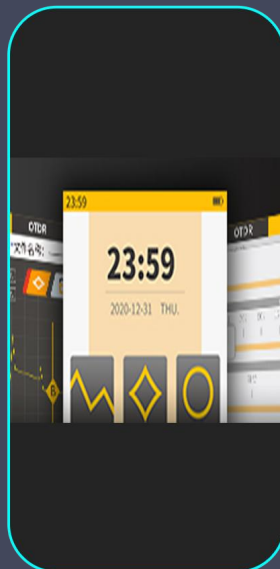
support live test



Max.80km  
range setting



3.5inch high-  
definition  
multi-touch  
screen



similar to mobile  
phone UI,new  
operation  
experience



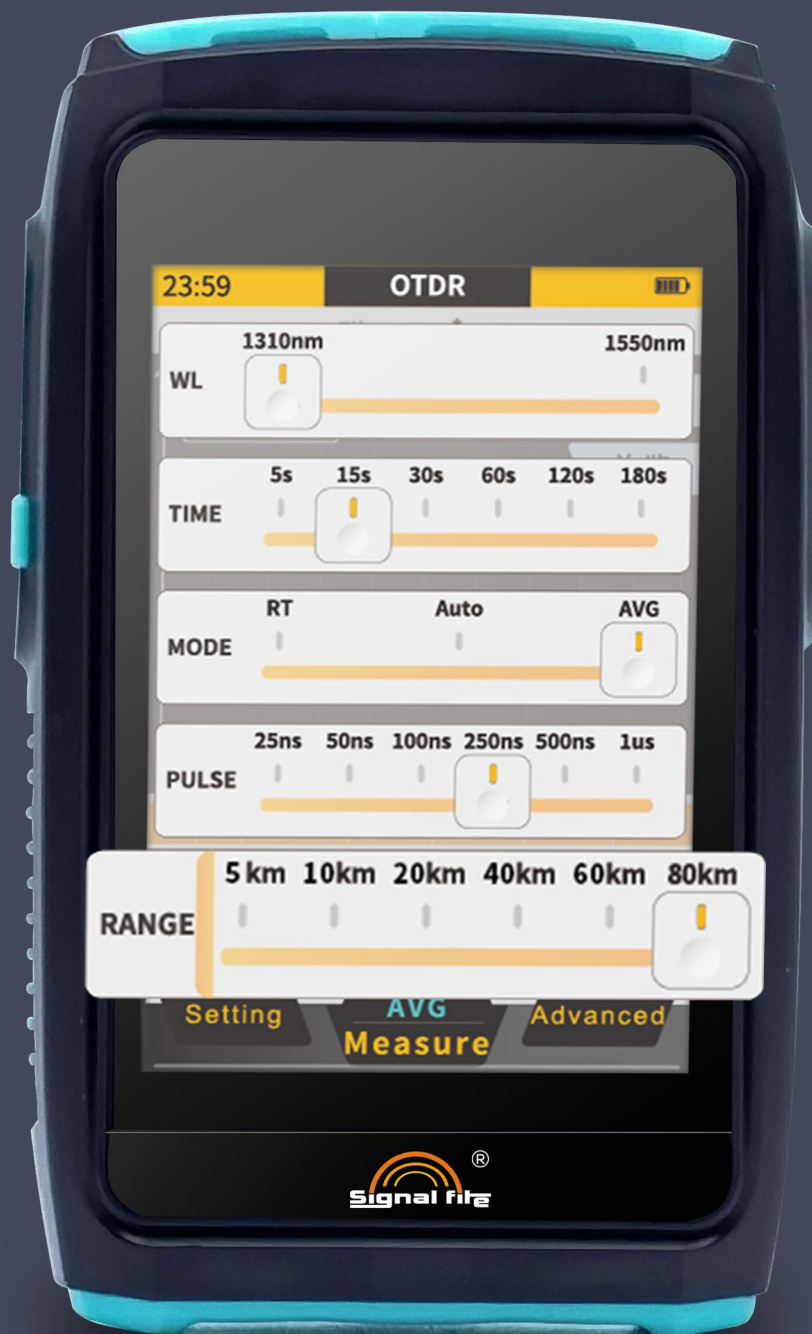
Hidden interface,  
dust-proof  
rubber sleeve



LED light

# Max.80km range

Accurate measurement, powerful performance



# Support live test

advanced wavelength isolation technology  
support live test

Single-wave only **ZS1000-B** supports this function

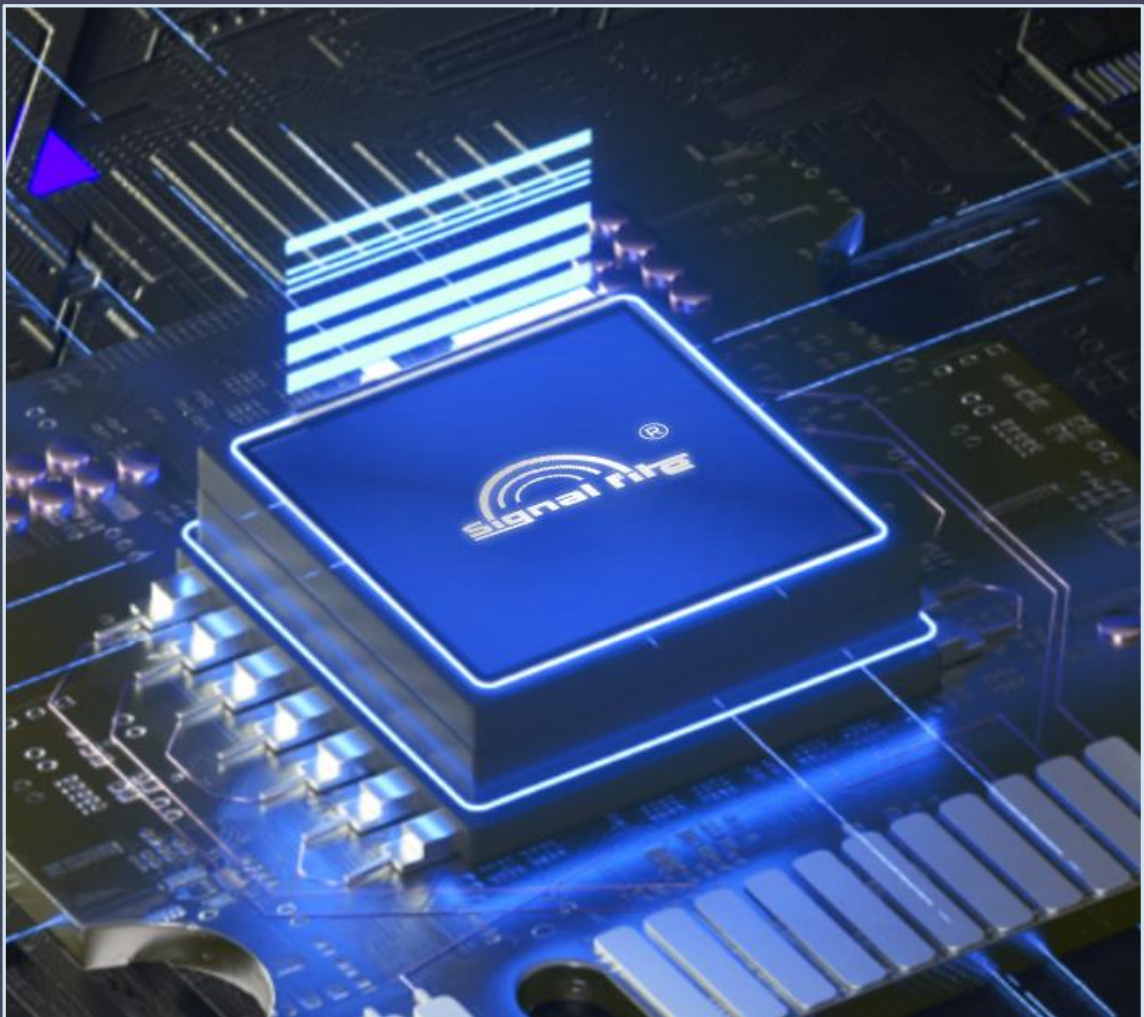


even with live test, it will not cause damage to the optical components, and strictly protect its own precision part

# 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-touch Support 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

Type-C



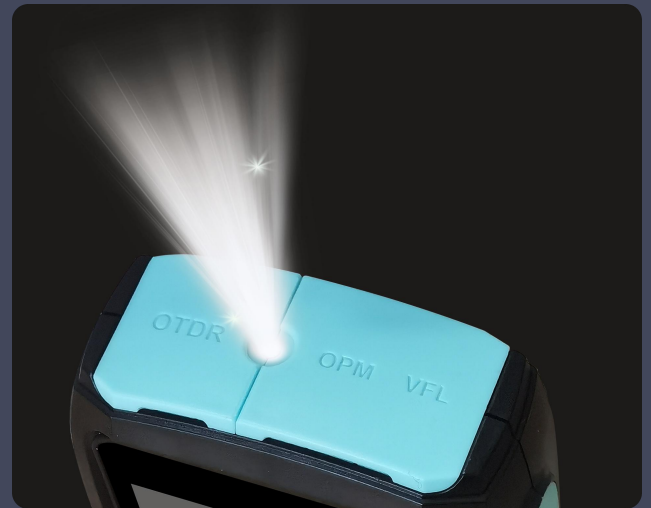
# More details

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

---



# Parameters



Dynamic Range	20dB
Test Range	0.1~80km
Wavelength	1550(±20nm) *ZS1000-A/B both support 1310(±20nm) *Support ZS1000-A only
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
	1277nm <10dBm 1310nm <10dBm 1490nm <10dBm
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

---



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