

Visual Fault Locator + Optical Power Meter + LED Wight Light

Portable Fiber Optic Tester



Powerful functions make testing one step faster



**Optical power
meter function**



**Visual fault
locator function**



**LED white
light function**



**Rechargeable
lithium battery**

Two optical power display ranges for your choice



C series

Display range
-50~+26dBm

T series

Display range
-70~+6dBm

Switch between Ten wavelengths with one click

850 nm

980 nm

1270 nm

1300 nm

1310 nm

1490 nm

1550 nm

1577 nm

1625 nm

1650 nm

OPM

1650 nm
-20.0 dB

λ



VFL



Powerful red light and stable output

V10T

$\geq 10\text{mW}$

measuring range is about 10 KM

V20T

$\geq 20\text{mW}$

measuring range is about 20 KM

V30T

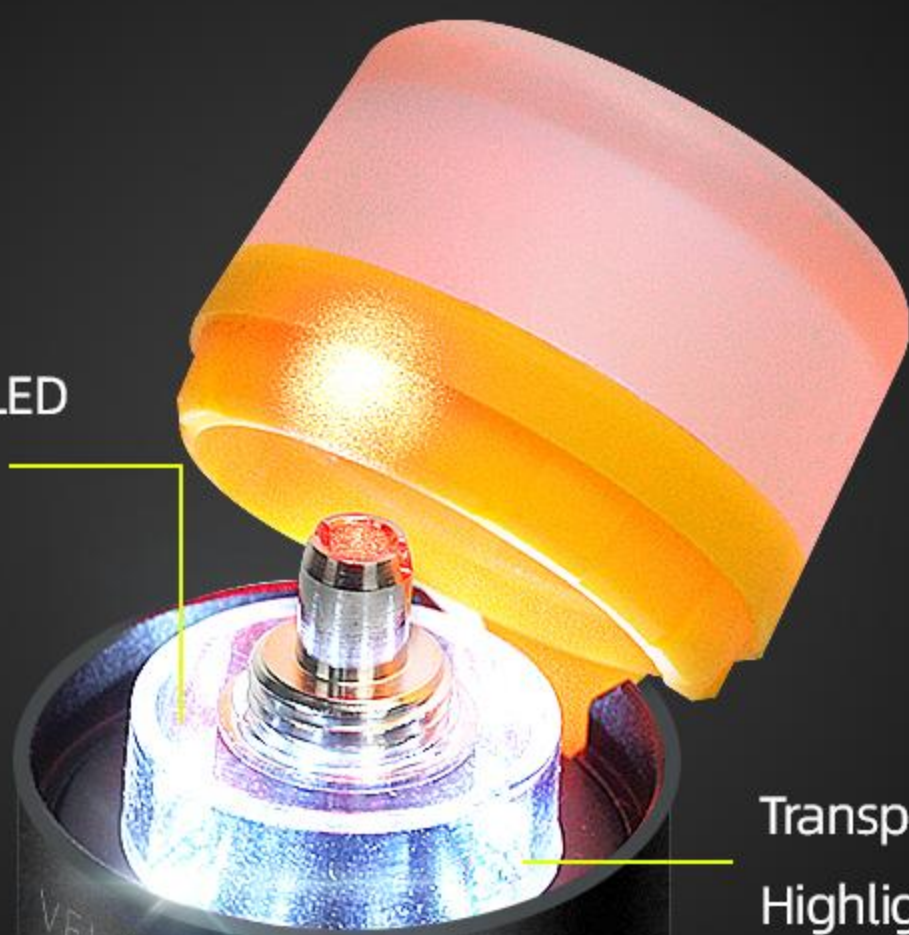
$\geq 30\text{mW}$

measuring range is about 30 KM

High brightness LED white light

Facilitates line checking and construction in dark environments, making work more convenient

High quality LED
lamp head

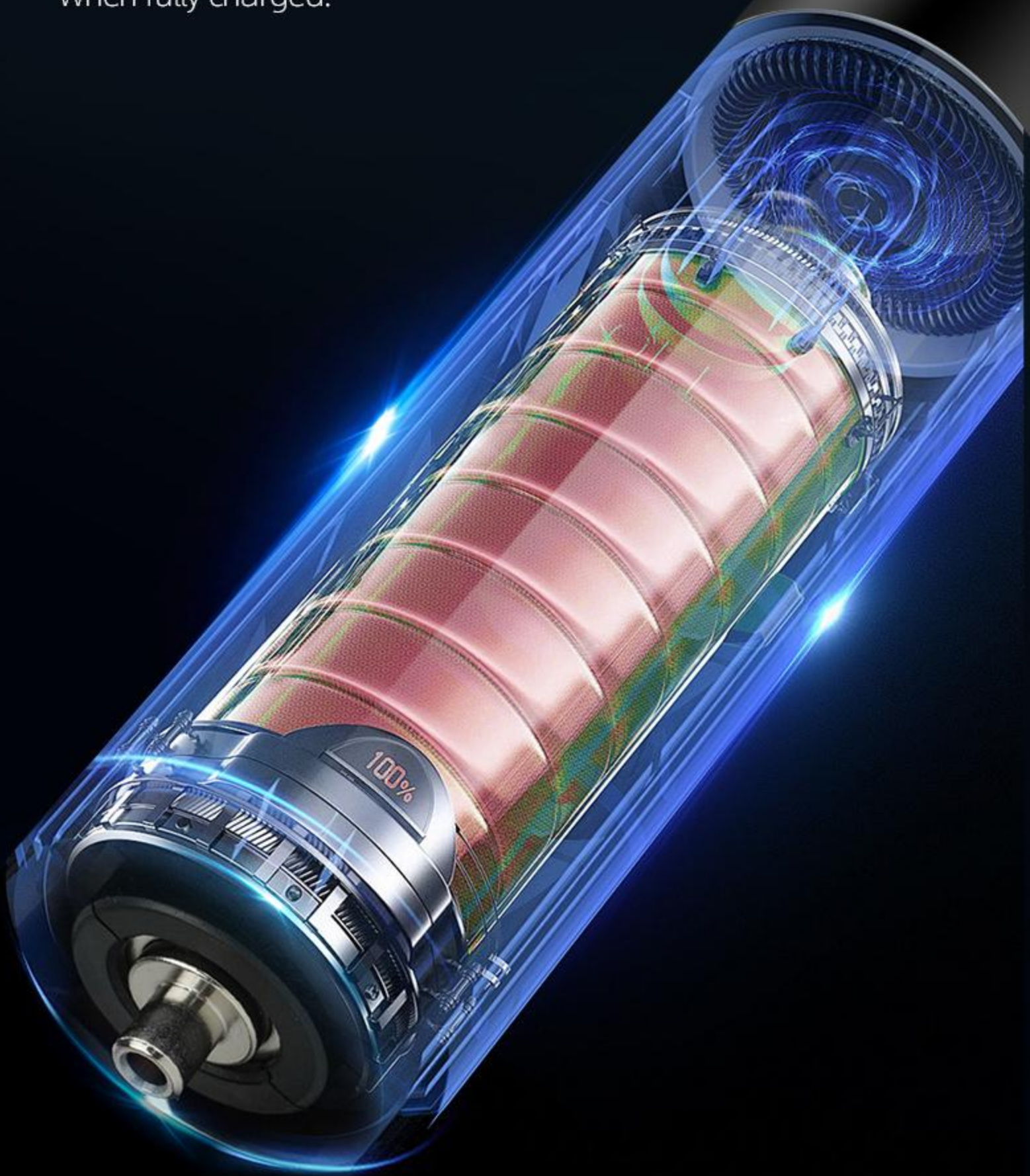


Transparent
Highlight

Large capacity lithium battery

Worry-free use

Although small, the working time is very long. The 1800mAh large-capacity battery can be recharged repeatedly and the working time is more than 6 hours when fully charged.



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Type-C charging

Can be recharged both front and back, safer and more efficient

(Complimentary data cable*1)



Just the right length Hold with one hand

Three-dimensional and slender, stylish, moderate in size, easy to carry

Length: 170mm

Diameter: 25mm



Appearance Introduction

OPM interface

Display

Switch/wavelength adjustment key

White light key

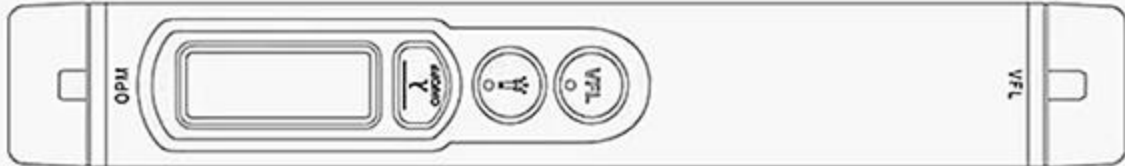
VFL key

OPM interface

VFL interface



Product Configuration



Optical power meter

Detector type	InGaAs
Detector type	700nm-1700nm
Calibration wavelength	850/980/1270/1300/1310/1490/ 1550/1577/1625/1650nm
Display range	T type: -70--+6dBm C type: -50--+26dBm
Accuracy	± 0.2 dB(1310/1550nm) ± 0.3 dB(850/980/1300/1490/1625/1650nm) ± 1 dB(1270/1577nm)
Display accuracy	0.01dBm
Optical interface	2.5mm universal interface
Display unit	dBm, W (mW, uW, nW automatically switches)
Wavelength memory	Yes

Visual fault locator

Power	1/15/30mW optional
Wavelength	650±20nm
On mode	normally on/2Hz flashing

Other parameters

LED lighting	Yes
Automatic shutdown	Yes
Energy saving mode	Yes
Screen	LCD
Interface	Type-C
Battery	lithium battery 2600mAh
Use time	260 hours (power meter mode only, backlight off)
Temperature	working temperature 0°C-50°C, storage temperature -20°C-70°C
Relative humidity	90% normal operation without condensation
Drop	Resistant to 1 meter drop
Size	Φ25mmx170mm
Weight	125g

Test conditions: 23°C ±2°C, 40%-60%RH, using standard test lines

T-type accuracy range: -60dBm-+3dBm, other references are as follows:

±0.8dB: +3dBm--+6dBm, -60dBm -- -65dBm@1550nm test wavelength

±3.0dB: +6dBm--+10dBm, -65dBm -- -70dBm@1550nm test wavelength

Type C accuracy range: -40dBm-+23dBm, other references are as follows:

±0.8dB: +23dBm--+26dBm, -40dBm -- -45dBm@1550nm test wavelength

±3.0dB: +26dBm--+30dBm, -45dBm -- -50dBm@1550nm test wavelength

