SPEEDWOLF

LIGHT SOURCE

OTDR

FUSION SPLICER
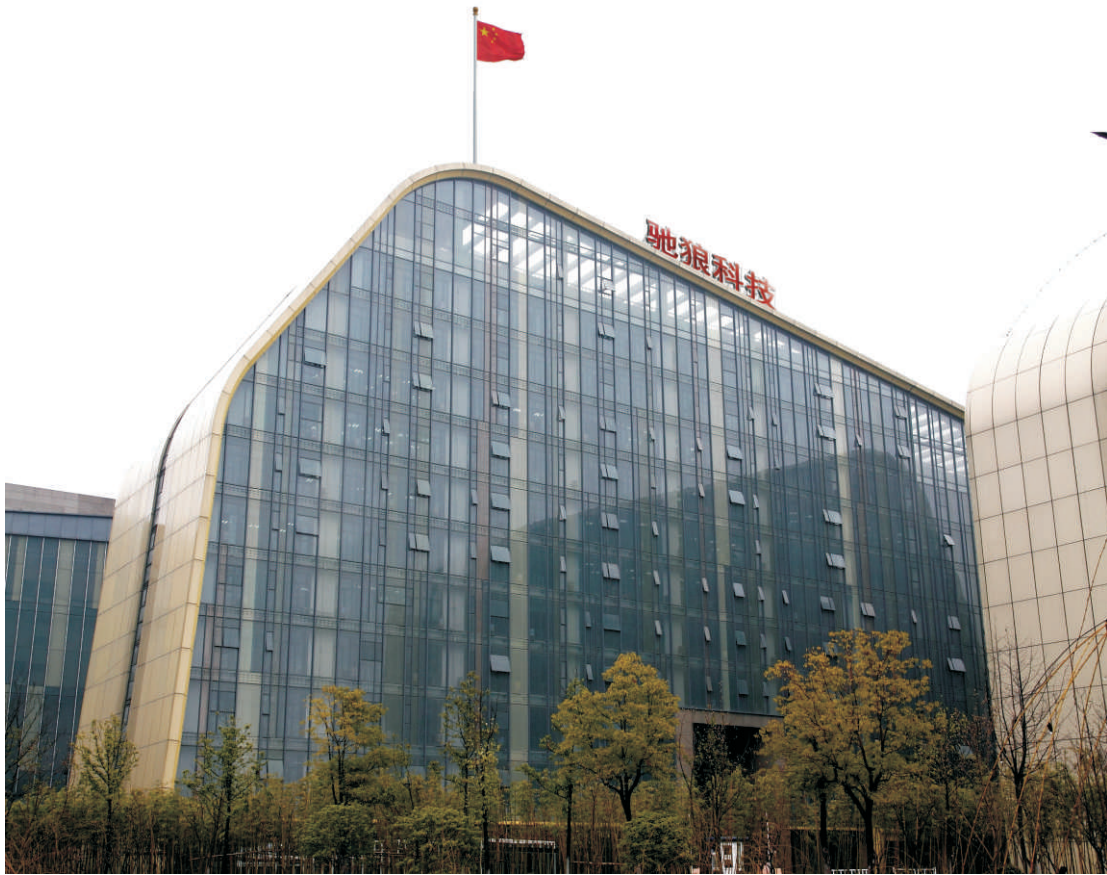
VFL

OPTIC POWER METER

Shenzhen Speedwolf Technology Co., Ltd.

Shenzhen SPEEDWOLF Technology Co., Ltd. was founded in May 2006 and headquartered in Nanshan District, Shenzhen, China. As a leading manufacturer and supplier for Fiber Inspection Equipment in China, we canprovide our customers with Fusion Splicer,OTDR,Optical Power Meter,Light Source,Pen-type Visual Fault Locator (VFL),Optical Fiber Identifier and XDSL Tester which are used for telecommunication, network and security.

Our company has a lot of advantages based on 12 years of experience in Fiber Inspection Equipment: Perfect techniques and producing plant, Abundant technology development capability with 10 persons R&D team, Rich OEM & ODM co-operation experience with famous overseas companies, Strong ability to provide whole network solutions. We owned Shenzhen production plants which the total area is more than 6000sqm and more than 300 workers and 50 technicians and 1 headquarter office which has sales team of around 30 persons. After more than ten years of operation, Speedwolf has successfully developed the worldwide market. Our products are widely accepted by the customer from all of the world and win good reputations by themselves. We promise to provide our customers with high quality products and nice services. To achieve your 100% satisfaction is our persistent goal all along!

SP-OTDR16

- Comprehensive fiber applications, ideal for LAN/WAN/FTTx certification & trouble-shooting:
  SM: 1310/1490/1550, 1625/1650nm (with filter), up to 50dB.
  MM: 850/1300nm, 21/24dB.
- Built-in PON Power Meter for Triple-play live measurement.
- Optional Stabilized Laser Source, SM/MM Power Meter and VFL.
- FTTx in-service testing/ Testing through splitter: (1625/1650nm with filter).
- Perfect user interface, handheld & lightweight (1kg/2.2lb).

SP-OTDR32F-T1

- 5.6-Inch outdoor-enhanced touch screen
- 7.4V/6.6Ah Lithium battery
- SM: 1310/1550nm, Dynamic Range 32/30dB.
- MM: 850/1300nm, Dynamic Range 19/21dB.
- Event Dead zone as lower as 1.5meter.
- Muti measurement mode.With VFL module
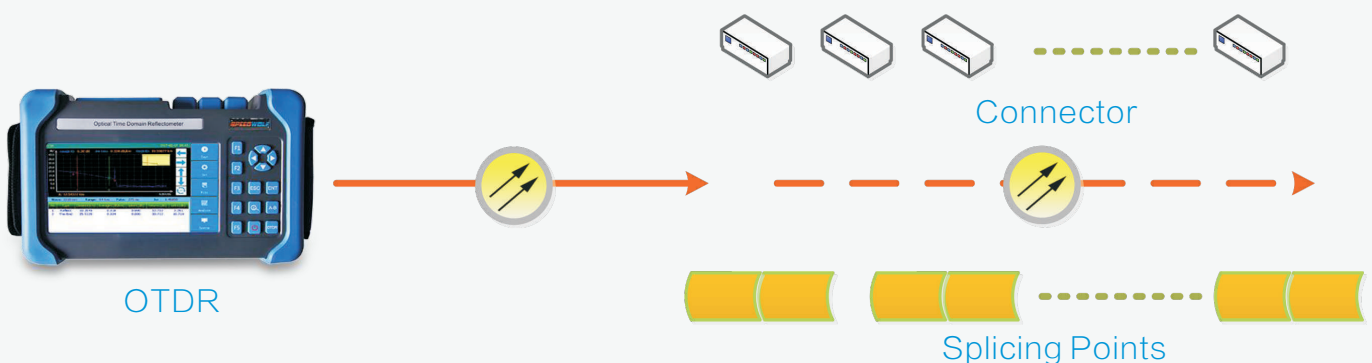- 8GB internal memory,80,000 groups curve storage.

SP-OTDR32F-T4

- 7-Inch outdoor-enhanced anti-reflection touchscreen.
- 7.4V/10Ah Lithium battery
- SM: 1310/1490/1550nm, 1625/1650nm, Up to 45dB.
- IP65 Waterproof.
- Muti measurement mode.
- 4GB memory+8G U disk ,120,000 groups curve storage.

SP-OTDR35X

- 7-Inch outdoor-enhanced anti-reflection touchscreen.
- SM: 1310/1550nm,1310/1550/1625nm,1310/1550/1650nm, up to 50dB.
- MM: 850/1300/1310/1550nm, 23/36/38/36dB.
- Selectable Range:SM: 1.3, 2.5, 5, 10, 20, 40, 80, 160, 240Km.
  MM: 1.3, 2.5, 5, 10, 20, 40Km.
- Excellent Man –Machine interface for easy operation.
- Optimized power management: 10 hours continuous operation.
- Single/multi traces printing in one report.
- Batch editing and printing,Bidirectional traces analysis.
- CSV report formats,Remote control function.

Connector

OTDR

Splicing Points

SP-FS16S

- Precise fiber core alignment, ultra-low fiber fusion splicing consumption 7s fast fusion splicing.
- Splice Loss: SMF/BIF: ≤0.03dB(typ.); MMF: ≤0.01dB(typ.)
  DSF/NZDSF: ≤0.04dB(typ.)
- Typical splice time: 7s(FAST mode, typical)
- 18s highly efficient heating.
- 320 times image magnification.
- 5mm fusion splicing for fibers of ultra-short cutting length.
- 300 groups of fusion splicing modes.
- 100 groups of heating modes,10000 groups of fusion records.
- 64 images storage Ceramic presser foot.
- Three Splicing modes: auto, half-auto, manual.
- Built-in lithium battery, supports 220times of splicing and heating cycles.

SP-FS17

- Used for FTTH and ordinary fiber project.
- Splice Loss: SMF/BIF: ≤0.02dB(typ.); MMF: ≤0.01dB(typ.)
  DSF/NZDSF: ≤0.04dB(typ.)
- Core to core alignment by PAS technology.
- 9 sec splicing time and 30 sec heat time.
- 300 X or Y view, 200 X and Y view.
- 5 inch digital high-quality LCD screen, observe X and Y view at same time.
- Three in one fixture, splicing single fiber, cable indoor and pig tail.
- Built in large capacity lithium battery of 200 times splicing and heating.
- Small size and light weight, 2.1KG including battery.

SP-FS18

- Used for FTTH and ordinary fiber project.
- Splice Loss: SMF/BIF: ≤0.02dB(typ.); MMF: ≤0.01dB(typ.)
  DSF/NZDSF: ≤0.04dB(typ.)
- Core to core alignment by PAS technology.
- Cable indoor and 0.25mm,0.9mm fiber, SC connector(option).
- 8 sec splicing time and 30 sec heat time.
- 300 X or Y view, 200 X and Y view.
- 5 inch digital high-quality LCD screen, observe X and Y view at same time.
- Three in one fixture, splicing single fiber, cable indoor and pigtail.
- Built in large capacity lithium battery of 200 times splicing and heating.
- Small size and light weight, 1.98KG including battery.

SP-FS20E

- Four motors, special precision-positioning technology.
- Splice Loss: SMF/BIF: ≤0.02dB(typ.); MMF: ≤0.01dB(typ.)
  DSF/NZDSF/EDF: ≤0.04dB(typ.)
- 4-in-1 holder (250μm/900μm/patch cord/FTTx indoor fiber etc), SOC holder.
- Double V-groove design.
- High strength portable straps design is convenient for hanging and operating.
- Inner light make the operation environment in the dark.
- Display screen can be flip before and after, can conveniently multi-angle observe.
- Auto checks fiber end-face, calibrate position of splicing, calculate splicing loss and temperatu re and pressure compensation so on.
- Between X/Y single screen and X&Y easily switch.
- Auto splice, auto arc optimization, auto heating.
- ≤9s splicing time, ≤36s heating time (adjustable).

SP-FS36EA

- Compact and convenient: 1.5kg with battery.
- 4 motors, special precision-positioning technology.
- Splice Loss: SMF/BIF: ≤0.02dB(typ.); MMF: ≤0.01dB(typ.);
  DSF/NZDSF/EDF: ≤0.04dB(typ.)
- 4-in-1 holder (250μm/900μm/patch cord/FTTx indoor fiber etc), SOC holder.
- Inner light make the operation environment in the dark.
- Wind, sand and dust prevention, waterproof, aseismatic design adapt to the outdoor environment.
- Display screen can be flip before and after, can conveniently multi-angle observe.
- 76cm drop proof / ISTA certificate，Optional GPS security function.
- Auto checks fiber end-face, calibrate position of splicing, calculate splicing loss and temperature and pressure compensation so on.
- Between X/Y single screen and X&Y easily switch.
- Auto splice, auto arc optimization, auto heating.
- ≤9s splicing time, ≤36s heating time (adjustable).

SP-FS36S

- Compact and light: 1.7Kg with battery.
- 6 motors core alignment for precise high-quality splicing.
- Splice Loss: SMF/BIF: ≤0.02dB(typ.); MMF: ≤0.01dB(typ.);
  DSF/NZDSF/EDF: ≤0.04dB(typ.)
- One-fit-all fiber holders for bare fiber, pigtails, patch cords and FTTH indoor fiber splicing.
- Auto fiber end-face inspection,auto arc position adjustment,splice loss calculation, temperature and pressure compensation.
- Auto and manual splicing,Auto arc optimization,Auto heating.
- Splicing≤9s, heating≤25s (time and power adjustable).
- X/Y and X+Y display for clear fiber core image.
- Built-in illumination,Wind－dust－rain-shock proof.
- Graphical user interface for easy understanding and operation.
- Optional password protection and GPS function.

SP-HALS16 (Handheld Adjustable Light Source)

· Operating wavelength(nm)1310/1550;1310/1490/1550/1625(others specify on requests).
· Applicable fiber:SM,MM.
· Output Power:-5~-12dBm(can be adjustable).
· Wave ID information can be transmitted when used with JW3216 Optical Power Meter.
· Tone generation, 270HZ,330HZ,1KHZ,2KHZ.
· Output power can be adjustable.
· Output power value is shown on LCD display.
· Intelligent backlight control (light intensity can be adjusted properly according to ambient light, which greatly reduced power consumption).
· AA alkaline and AC adapter for power supply.
· Low battery indication.

SP-OLS11

· Provides 1~5 wavelengths output which can be optional.
· High stability of the output power.
· Stable output wavelength.
· Backlight LCD display supports night operation .
· Low battery power indication.
· CW, 2Hz modulation output at 650nm, and CW, 270Hz,1KHz,2KHz modulation output at other wavelengths.
· Emitter Type:FP-LD,LED.
· Typical Output :0@650nm / -7 @1310nm,1550nm, -20dBm for LED.
· Spectral Width(nm)≤10.
· Frequencies:CW.2Hz@650nm / CW,270Hz,1KHz,2KHz@1310nm,1550nm.
· Output Stability : ±0.05dB/15mins; ±0.1dB/ 8hours.
· Optical Connector: FC/PC(Other type adapters can be required) .
· Power Supply: Alkaline Battery(3 AA 1.5V batteries); AC Adaptor(9V).

SP-OLS19

· Provides 1~4 output wavelengths which can be optional according to customer's needs.
· CW, 2Hz modulation output at 650nm, and CW, 270Hz,1KHz,2KHz modulation output at other wavelengths.
· High stability of the output power.
· Stable output wavelength.
· Backlight LCD display supports night operation.
· Compact size and decent appearance.
· Large LCD, easy operation.
· Alternative 10 minutes Auto-off function conserving battery life.
· Wavelengths(nm):650,1310/1550,850/1300,850/1300/1310/1550.
· Typical Output Power -7dBm for LD, -20dBm for LED.
· Power Supply:Alkaline Battery(3 AA 1.5V batteries).

SP-OPM21

- Wide dynamic measurement range (up to 80dB)
- Wavelength(nm):800~1700nm
- Measurement Range (dBm):-70~+10/-50~+30
- Calibrated Wavelength(nm):850,1300,1310,1490,1550,1625
- Optical Connector:FC(interchangeable SC,ST) / as well as 2.5mm universal
- Reference power level storage(Ref Setting)
- User self-calibration function
- Comfortable LCD display and backlight LCD display supports
- Power measurements in dBm or mw and insertion loss in dB
- 10 minutes Auto-off function can be activated or deactivated.
- AA alkaline batteries can last more than 140 hours, AC adaptor also available
- Low battery indication

SP-OPM23(PON Optical Power Meter)

- It can experiment at Voice, data and video signal synchronous measurement and display on BPON/EPON/GPON.
- Providing simultaneous measurement for all three wavelengths on the fiber (1490nm, 1550nm 1310nm).
- Used in Burst mode measurement of 1310nm upstream.
- Use the software connect with PC, setting the threshold, data transfer, and calibration the wavelength.
- USB communication port enables data transfer to a PC.1000measurement items can be saved in SP-OPM23 PON power meter or computer for data review.
- With optical power meter modual, include 850、1300、1310、1490、1550、1625sixs (SP-OPM23AP，SP-OPM23A without 850nm wavelength)；With visual fault locator modual（SP-OPM23andSP-OPM23AV）
- Optical power meter and VFL with one port.（only SP-OPM23A）
- Good key design,high sensitivity, greatly reducing the volume and weight of the tester.

SP-OPM28

- User self calibration function
- Wavelength(nm):800~1700nm
- Measurement Range (dBm):-70~+6/-50~+26
- Calibrated Wavelength(nm):850,980,1300,1310,1490,1550
- Comfortable LCD display and optional backlight LCD display supports
- night operation
- Power measurements in dBm or mw and insertion loss in dB
- Low battery consumption, more than 240 hours continual operation time for three 1.5V alkaline batteries
- 10 minutes Auto-off function can be activated or deactivated.

SP-OPM550

- Self Calibration,Self Auto Off,Set the REF Value.
- High Accuracy, high ,High sensitivity, high linearity.
- Wavelength(nm):800~1700nm.
- Measurement Range (dBm):-70~+10/-50~+26.
- Calibrated Wavelength(nm):850,1300,1310,1490,1550,1625.
- Real-time display of the power consumption.
- Power Supply:2pcs AA batteries.
- Interchangeable connectors; FC/ SC.
- Rubber Outshell, increased the protective properties for field work.

SP-OPM560(Optical Power Meter With VFL)

- Self Calibration,Self Auto Off,Set the REF Value,Stable VFL Output.
- High Accuracy, high ,High sensitivity, high linearity.
- Wavelength(nm):800~1700nm.
- Measurement Range (dBm):-70~+10/-50~+26.
- Calibrated Wavelength(nm):850,1300,1310,1490,1550,1625.
- Real-time display of the power consumption.
- Power Supply:2pcs AA batteries.
- VFL:1mW,5mW,10mW,20mW,30mW.
- Interchangeable connectors; FC/ SC.
- Rubber Outshell, increased the protective properties for field work.

SP-OPM635(Optical Power Meter With VFL)

- Self Calibration,Self Auto Off,Set the REF Value,Stable VFL Output.
- High Accuracy, high ,High sensitivity, high linearity.
- Wavelength(nm):800~1700nm.
- Measurement Range (dBm):-70~+10/-50~+26.
- Calibrated Wavelength(nm):850,1300,1310,1490,1550,1625.
- Real-time display of the power consumption.
- Power Supply:18650Li-ion Battery.
- VFL:1mW,5mW,10mW,20mW,30mW.
- Interchangeable connectors; FC/ SC.
- Rubber Outshell, increased the protective properties for field work.

SP-PPM70B(PON Optical Power Meter)

- Handheld,True color screen,easy to operate.
- Can test 3 wavelengths'power of PON system synchronously:1310nm, 1490nm, 1550nm.
- Can test the burst mode signal of 1310nm.
- Friendly operation interface, human message management and operation function.
- Supply 10 groups of threshold values for operator's choice, analyze and display pass and fail status.
- Relative value choice and edit function.
- Can save 1000 records and upload the records through USB to management software.
- Can set the threshold value, upload data, and calibrate wavelength through management software.
- 6600mAh Lithium battery.
- Power saving design,Real-time clock display.

SP-EVFL15N

· Constant & stable output power.
· Central Wavelength:650nm ± 10nm/1mw or 10mw.
· FC/2.5mm universal connector,For 1.25mm connectors, FC (Male)-LC (Female) convertor.
· Special laser driver circuit design, to make sure the laser output power remains a constant power level as long as in an available battery voltage.
· Low battery warning, reminds users to change the battery timely.
· Long battery life(up to 40 hours with 2XAAA batteries).
· Operates either in CW or Pulsed.
· Pocket size and light weight, easy to use.

SP-PVFL15A

· 2.5mm universal connector, for 1.25mm connectors,FC (Male)-LC (Female) convertor.
· Central Wavelength:650nm ± 10nm/1mw or 30mw.
· Operates either in CW or Pulsed,Constant output power,Lower Battery warning.
· Long battery life (up to 60 hours for 2 AA alkaline batteries).
· Crash-proof and dust-proof design for laser head.
· Laser case ground design prevents ESD damage.
· Burning testing to ensure the reliability.
· Portable and rugged, easy to use.

SP-PVFL15P

· 2.5mm universal connector, for 1.25mm connectors,FC (Male)-LC (Female) convertor.
· Central Wavelength:650nm ± 10nm/1mw or 30mw.
· Operates either in CW or Pulsed,Constant output power,Lower Battery warning.
· Long battery life (up to 60 hours for 2 AA alkaline batteries).
· Crash-proof and dust-proof design for laser head.
· Laser case ground design prevents ESD damage.
· Burning testing to ensure the reliability.
· Portable and rugged, easy to use.

SP-VFL532

· 2.5mm universal connector, for 1.25mm connectors,FC (Male)-LC (Female) convertor.
· Central Wavelength:650nm ± 10nm/1mw or 30mw.
· Operates either in CW or Pulsed,Constant output power,Lower Battery warning.
· Long battery life (up to 60 hours for 2 AA alkaline batteries).
· Crash-proof and dust-proof design for laser head.
· Laser case ground design prevents ESD damage.
· Burning testing to ensure the reliability.
· Portable and rugged, easy to use.

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