



# AI-9

OPTICAL FIBER FUSION SPLICER

# Product Manual

**Suitable for medium to long-distance trunk fiber optic cable fusion projects**

**6 motors**  
Fiber core alignment



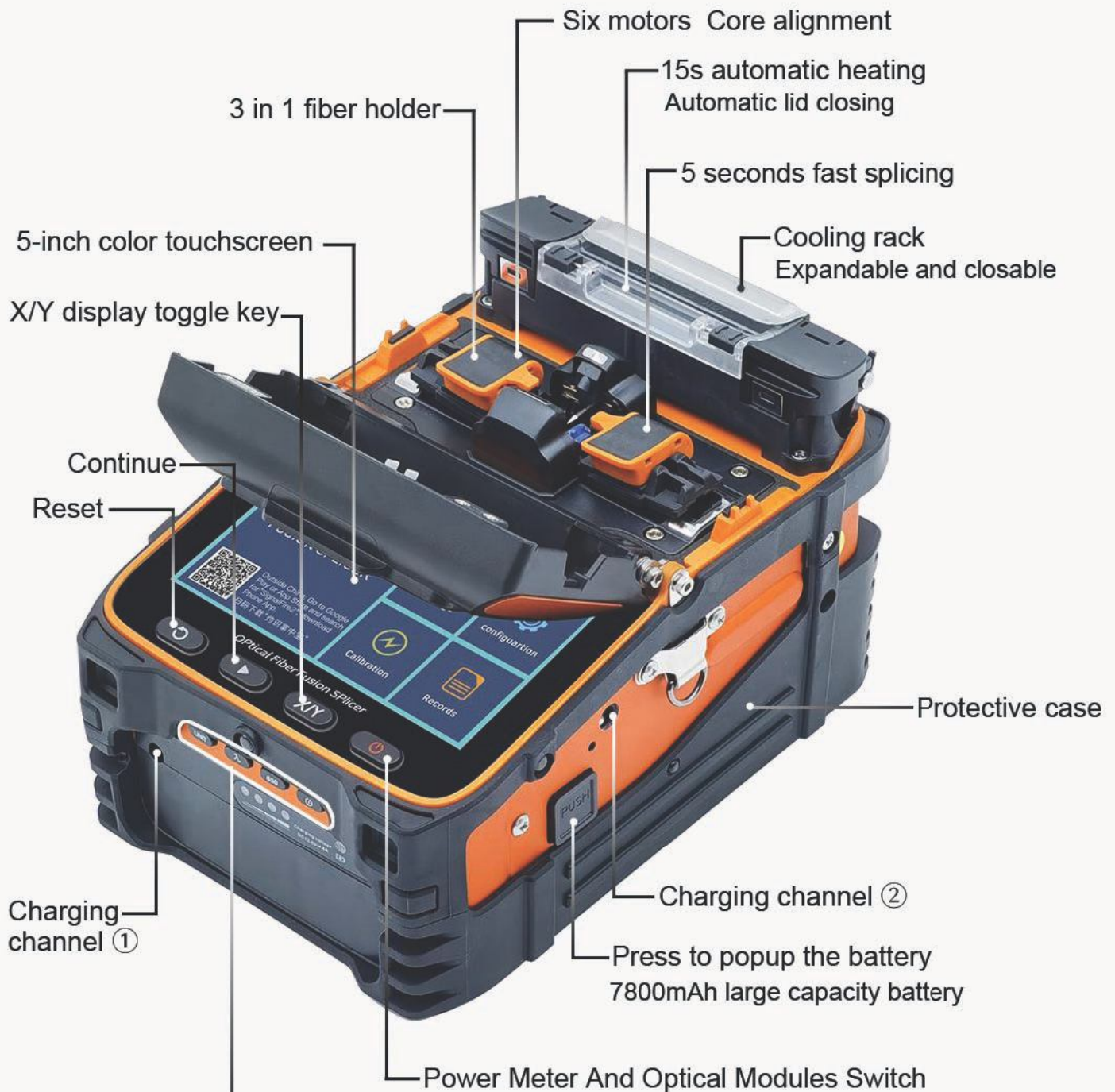
- ✓ **5s splicing/15s heating**
- ✓ **Built-in OPM&VFL**

**0.1**  $\mu\text{m}$

Fiber alignment  
accuracy

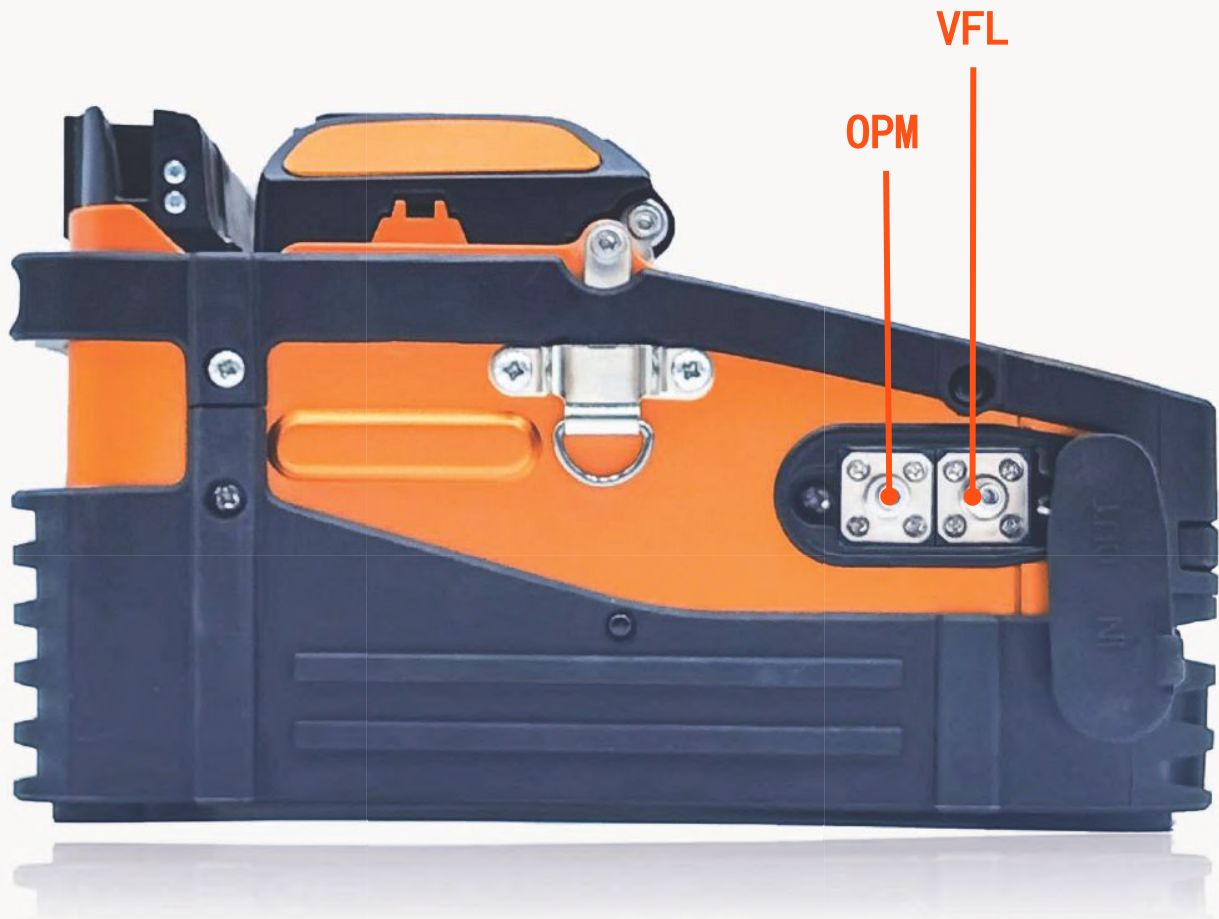


AI-9 is a fully automatic, mainline fiber optical fusion splicer with six motors and fiber core alignment, capable of welding long-distance fiber optic lines. Also within VFL and OPM function. Adopting industrial grade CPU, with fast running speed, 5S rapid fusion welding, 15S rapid heating, 5-inch color touchscreen, 320X magnification; The work efficiency is increased by 50% compared to ordinary welding machines; Large-capacity lithium battery can be heated by fusion about 260 cores, outstanding performance in harsh environments such as high altitudes, deserts, and extreme cold.



Key for OPM & VFL

### Within VFL and OPM function



Effectively measure connection losses, verify continuity, and help evaluate fiber link transmission quality

**OPM**

**Switch between ten states**

Wavelength: 850nm、1300nm、1310nm、1490nm、1550nm、1625nm、980nm、1270nm、1577nm、1650nm

**VFL**

**Switch between three states**

power: 15mW, 2Hz flashing and steady on mode

### 5-inch color touchscreen

Intuitive operation, easily accessible with just one touch



### Industrial-grade CPU

1 second startup

Sensitive response/Smooth experience

## Touch screen menu



11 languages to switch freely

|  language |                                             |                                    |
|--------------------------------------------------------------------------------------------|---------------------------------------------|------------------------------------|
| <input type="checkbox"/> 中文                                                                | <input checked="" type="checkbox"/> English | <input type="checkbox"/> Português |
| <input type="checkbox"/> Français                                                          | <input type="checkbox"/> Русский            | <input type="checkbox"/> Español   |
| <input type="checkbox"/> Polski                                                            | <input type="checkbox"/> ภาษาไทย            | <input type="checkbox"/> عربي      |
| <input type="checkbox"/> Italiano                                                          | <input type="checkbox"/> українська         |                                    |



Chinese



English



French



Russian



Italian



Ukrainian



Portuguese



Polish



Spanish



Thai



Arabic



## Configuration

Fiber type

☒ SM ☐ MM ☒ AUTO ☐ G654E

☐ BIF ☐ 80um ☐ NZ ☐ DS

Auto power off  15min  ☒

Heating time  15S

Heater Pre-heating ☒

Pause splicing process ☒

Auto-focus ☒

Activate battery

Self test

Angle check  3.0°  ☒

Endface check ☒

☐ Basic ☐ Standard ☒ Precision

Tensile test ☒

Factory restoration

Cleaver adjustment >

Replace blade assembly >

Screen brightness  10

Help >

Whatsapp:+86 191\*\*\*\*\* \*\*\*\*\*

Skype: live:.cid.2\*\*\*\*\*

Email:technicalsupport@\*\*\*\*\*

This account only for after sales,technical support and Using guide.  
Refuse any questions about the selling, if you wanna buy machine,  
please ask your machine provider.

For more support:  
Go to Google Play or App Store and search for "SignalFire2",download Phone  
App.

Firmware version: Main:v12 Fpga:V12 Ctrl:V12



## Records

| No     | Time             | loss    |
|--------|------------------|---------|
| 000007 | 2025-11-10 14:26 | 0.00 dB |
| 000006 | 2025-11-10 14:25 | 0.01 dB |
| 000005 | 2025-11-10 14:24 | 0.01 dB |
| 000004 | 2025-11-10 14:22 | 0.00 dB |
| 000003 | 2025-11-10 14:22 | 0.02 dB |
| 000002 | 2025-11-10 14:21 | 0.01 dB |
| 000001 | 2025-11-10 14:20 | 0.00 dB |

# 7800mAh lithium battery

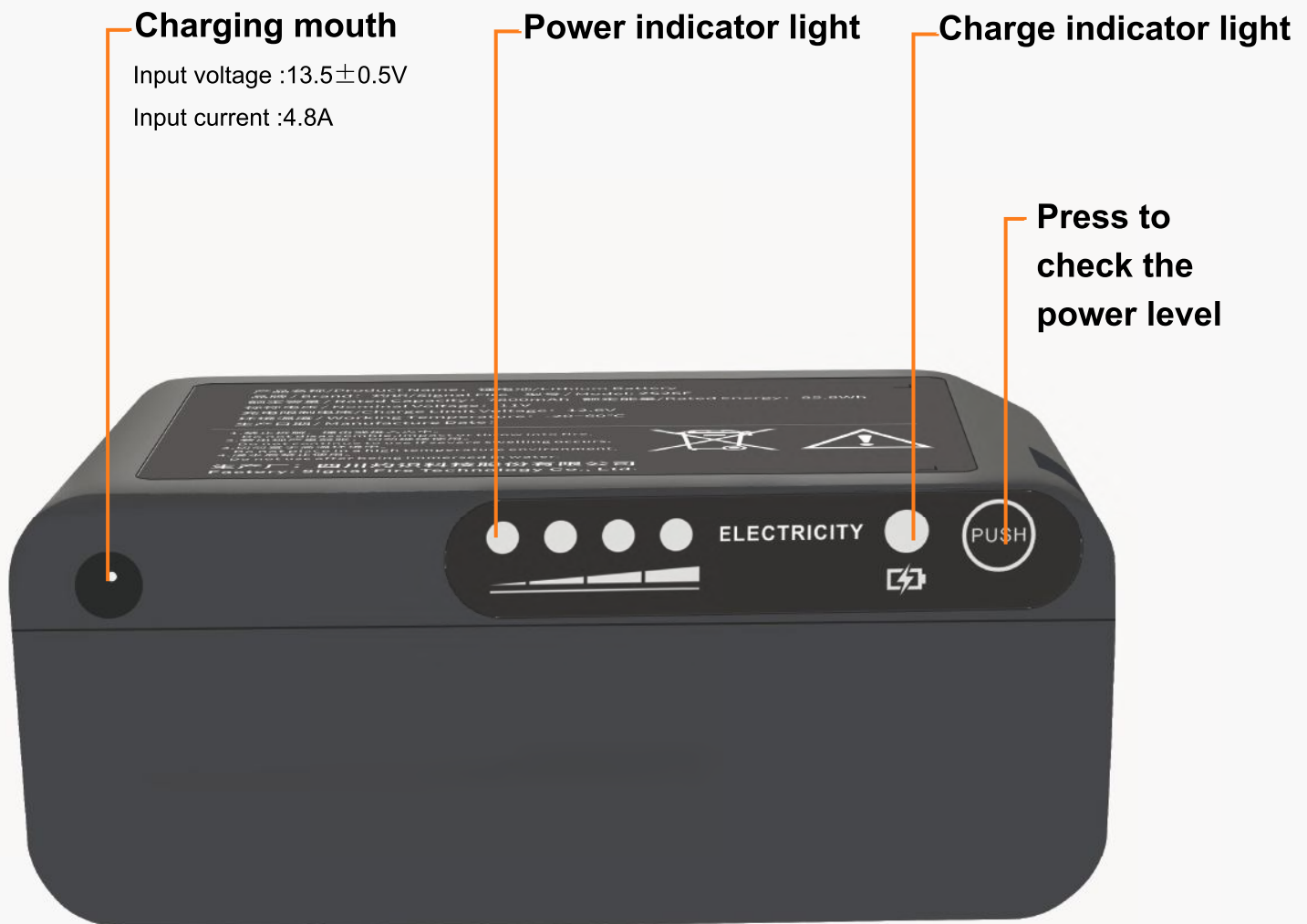
## Dual charging channel

Even if a fault occurs, another channel can be used for charging



## Charging time $\leq 3.5$ hours

In full state, 260 cores can be continuously fused and heated



## 3-in-1 universal fixture

SM, MM, bare fiber, pigtail, Drop cable , multi fiber cable



Jumper  
fiber  
(pigtail)



Drop cable



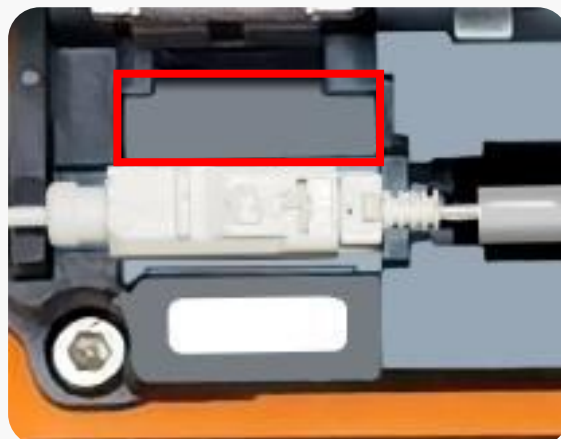
Bare fiber

- **Activate preheating function in winter**



The fiber fusion is successful. At the same time as opening the windproof cover, the heating tank automatically starts preheating for 6 seconds.

- **Heating part compatible with SC fiber**



SC Fiber: Push up  
Ordinary fiber: Push down

- **Heating part automatic lid closing**



- **Cooling rack Expandable and closable**



- **Dust prevention/fall prevention/shock prevention**



- **Metal machine body movement quality guaranteed**



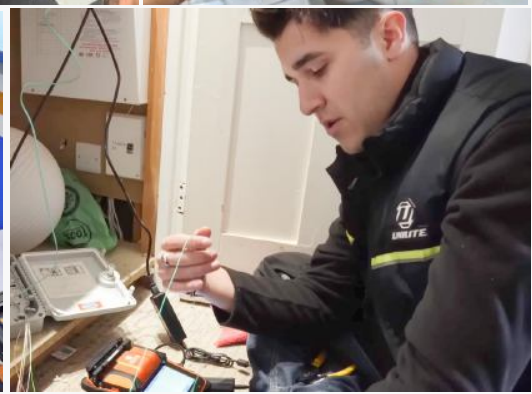
### Outstanding quality without fear of challenges

Adapt to harsh environments such as deserts, snow,  
high altitude, and high temperatures



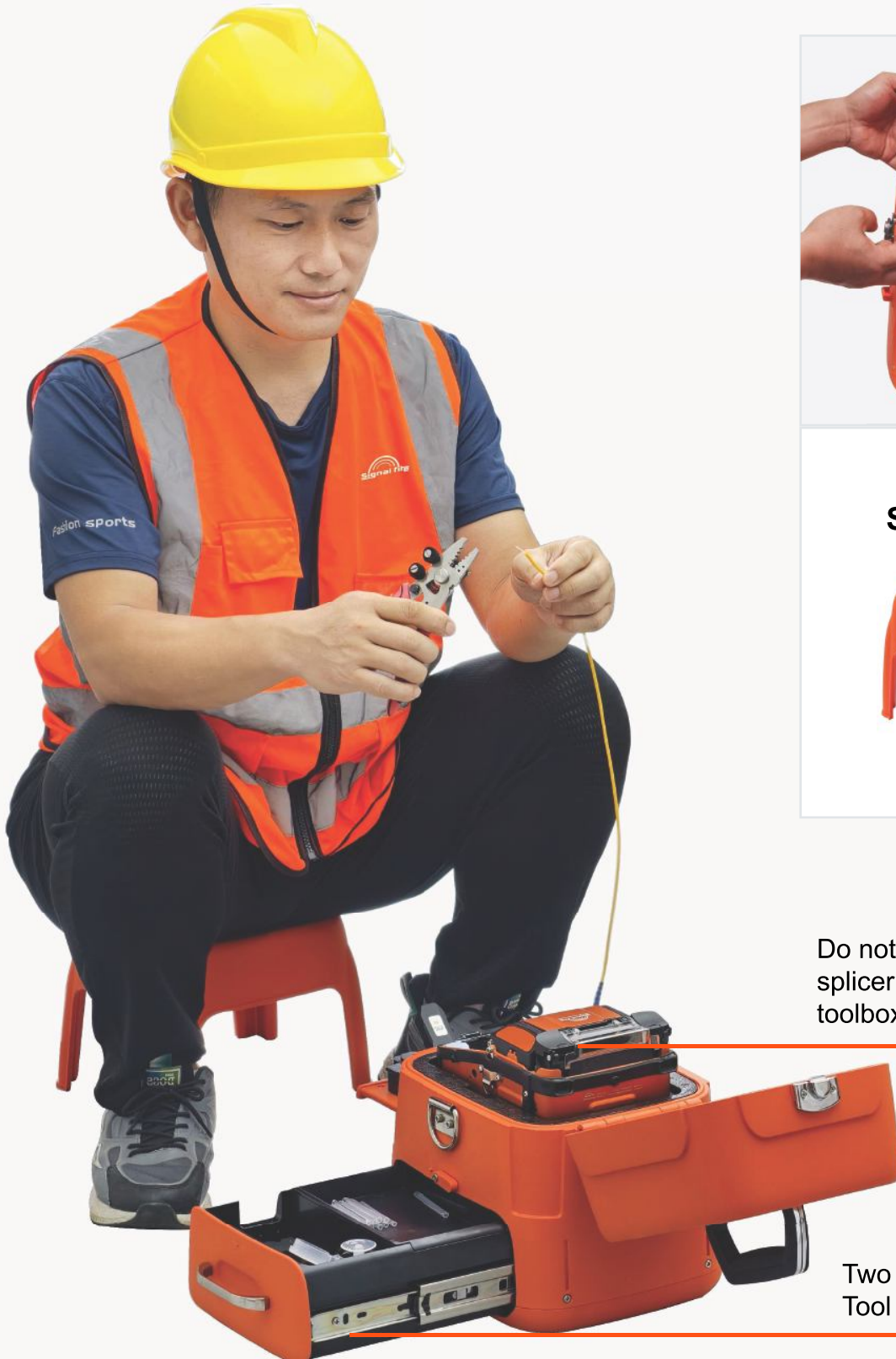
# Exported to over 100 countries and regions worldwide

Get unanimous praise from customers!



# Toolbox with stool

comes with a stool to facilitate the construction workers



**100KG**  
Stool can bear



Do not need to take out the  
splicer machine from the  
toolbox while working

Two layers:  
Tool layer&Accessory layer

### Size and weight



#### Machine weight

**2.10kg** (with battery)

**1.68kg** (without battery)



#### Toolbox weight

**6.95kg**

(including machine and accessories)



#### Total weight

**8.20kg**

# Basic parameter

|                               |                                                                                                                                                                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fiber alignment</b>        | Core/cladding                                                                                                                                                                                                                                                                                            |
| <b>Motor number</b>           | 6 motors (accurate of fiber alignment: 0.1μm)                                                                                                                                                                                                                                                            |
| <b>Splicing time</b>          | 5s                                                                                                                                                                                                                                                                                                       |
| <b>Heating mode</b>           | 15s, can be customized according to the external environment                                                                                                                                                                                                                                             |
| <b>Fiber type</b>             | Single-mode fiber (SMF/G.652), multimode fiber (MMF/G.651), dispersion-shifted fiber (DSF/G.653), G.654 fiber, non-zero dispersion-shifted fiber (NZ-DSF/G.655), and bend-insensitive fiber (BIF/G.657); suitable for splicing bare fiber, pigtail, drop fiber, patch cord, and invisible fiber.         |
| <b>The cladding diameter</b>  | 80-150 μm                                                                                                                                                                                                                                                                                                |
| <b>Splicing loss</b>          | 0.02dB (SM) 、0.01dB (MM) 0.04dB (DS/NZDS)                                                                                                                                                                                                                                                                |
| <b>Splicing mode</b>          | Automatic focusing core alignment, conventional/high precision welding                                                                                                                                                                                                                                   |
| <b>Splicing way</b>           | Automatic, semi-automatic                                                                                                                                                                                                                                                                                |
| <b>Fiber holder</b>           | Three in one fixture, no need to change, suitable for single/multi-mode, multi-core cable/bare fiber, tail fiber, jumper fiber, drop cable                                                                                                                                                               |
| <b>VFL</b>                    | The machine comes with: power: 15mW, 2Hz flashing and steady on mode                                                                                                                                                                                                                                     |
| <b>OPM</b>                    | Wavelength: 850nm、1300nm、1310nm、1490nm、1550nm、1625nm、980nm、1270nm、1577nm、1650nm/Measurement range: -50+26dbm Absolute error: <0.3dB (-50dbm ~+3dBm range)                                                                                                                                                |
| <b>Battery capacity</b>       | 7800mAh large capacity lithium battery charging time ≤3.5; It can continuously weld and heat about 260 cores                                                                                                                                                                                             |
| <b>Magnification</b>          | 320x (X or Y axis single display) , 200x (x and Y axis dual display)                                                                                                                                                                                                                                     |
| <b>Fiber diameter</b>         | Coating diameter: 80-150μm/Coating diameter: 100-1000μm                                                                                                                                                                                                                                                  |
| <b>Cutting length</b>         | Coating layer 250μm below: 8-16mm/coating layer 250-1000μm: 16mm                                                                                                                                                                                                                                         |
| <b>Heat shrink tube</b>       | 60mm、50mm、40mm、25mm                                                                                                                                                                                                                                                                                      |
| <b>Tensile testing</b>        | standard 2N                                                                                                                                                                                                                                                                                              |
| <b>Display</b>                | 5-inch color touchscreen                                                                                                                                                                                                                                                                                 |
| <b>Boot time</b>              | 1s, boot can enter the working mode                                                                                                                                                                                                                                                                      |
| <b>Data is stored</b>         | Unlimited, machine storage 1000 groups, the excess part can be stored in the server, can export data.                                                                                                                                                                                                    |
| <b>Wireless communication</b> | Based on bluetooth 4.2 protocol standard, the working band is 2.4GHz, the maximum transmission range is 60m                                                                                                                                                                                              |
| <b>Software upgrade</b>       | Mobile phone APP Internet update, enable Bluetooth synchronization upgrade machine software                                                                                                                                                                                                              |
| <b>Management function</b>    | The equipment owner can be bound as the highest authority, and can remotely view the welding records, welding time, loss, etc. through the mobile phone APP. The number of welding times or working time of the equipment can be set. The manager can effectively manage a single or multiple equipment. |
| <b>Return loss</b>            | Better than 60 db                                                                                                                                                                                                                                                                                        |
| <b>Product protection</b>     | Waterproof, dustproof and fall proof                                                                                                                                                                                                                                                                     |
| <b>Power supply</b>           | Input AC100-240V 50/60Hz, output DC13.5V/4.8A, the current power mode can be identified, real-time monitoring of the current battery level                                                                                                                                                               |
| <b>The work environment</b>   | Temperature: -15 ~ +50°C, humidity: < 95%RH (no condensation), working altitude: 0 ~ 5000m, maximum wind speed: ≤15m/s                                                                                                                                                                                   |

# Standard Configuration



- ① Fusion Splicer    ② Toolcase    ③ Spare electrode    ④ S12 Fiber Cleaver
- ⑤ Signal fire stripper  
(Including a bag of cleaning cotton)    ⑥ Alcohol Bottle    ⑦ Brush    ⑧ Toolbox strap
- ⑨ Belt    ⑩ Power Adapter    ⑪ key    ⑫ Inner hexagon
- ⑬ User's manual / Quality Certificate / Fiber for ARC calibration / Warranty Card

### Signal fire stripper

**kevlar scissors**

(prohibit cutting steel wires )

**5G FTTH Drop cable**

Caliber: 2mm x 1.6mm

**Both regular FTTH Drop cable**

Caliber: 3mmx2mm

**Three-port Miller stripper**

**Cleaning cotton**

**Rotary ruler**

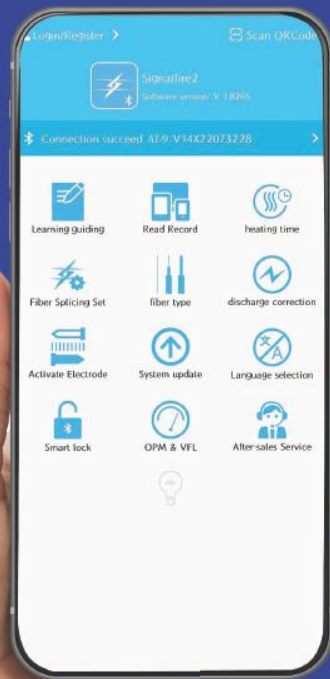
**FTTH Drop cable steel wire pliers**

Can not cut FRP steel wire/else steel wire  
Blade maybe will scratch and have trace,  
It' s normal and will not influence you to use it  
If you are care about this, Then please buy with cautions.



# Support bluetooth Bluetooth connection

Intelligent interaction, avoid tedious

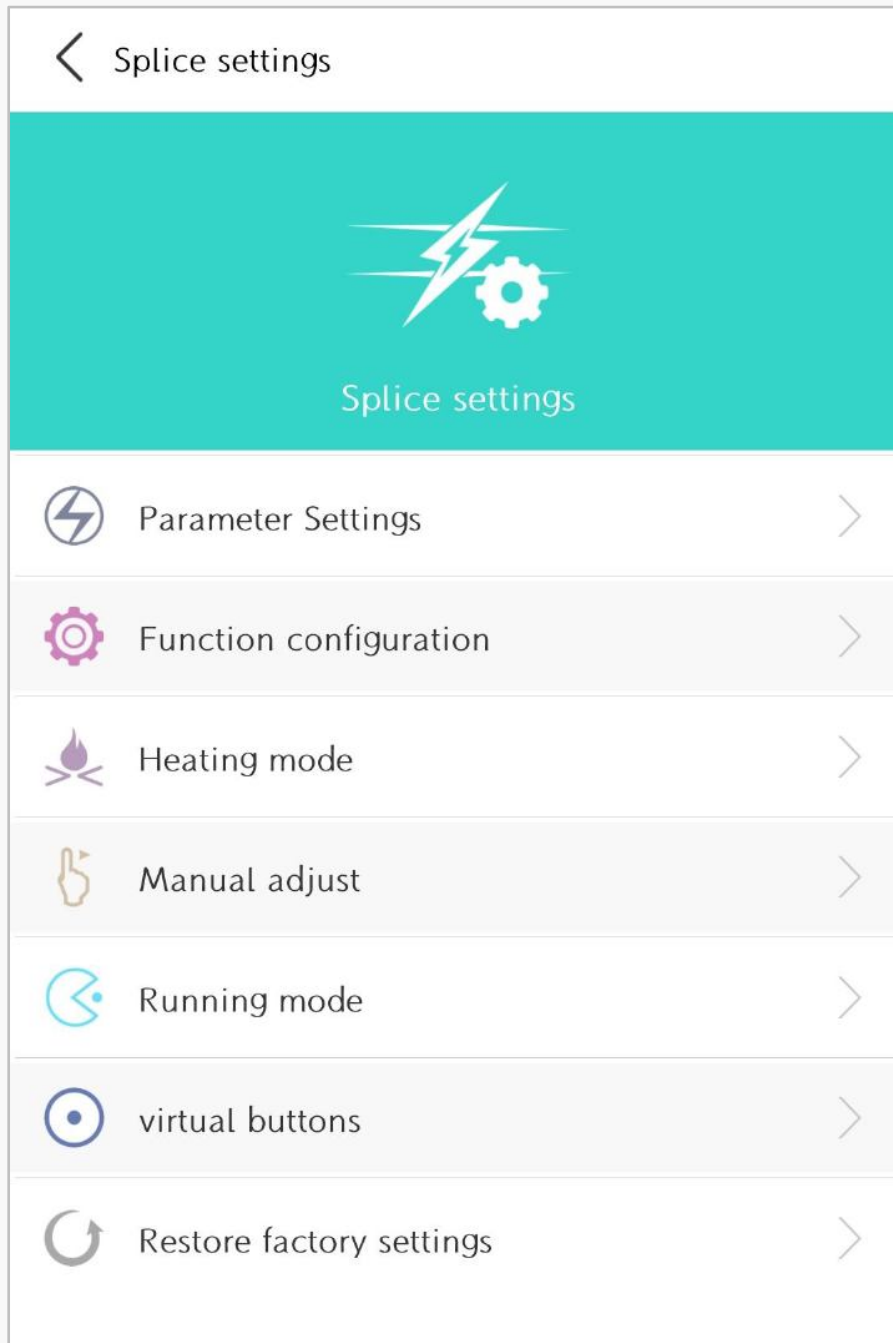


## Bluetooth™

Scan the QR code of the welding machine startup screen to download the Mobile APP. The phone connects to the splicer via Bluetooth.



- ✓ Welding record can be read through mobile phone, and the data can be exported;
- ✓ You can set the parameters of the welding machine, such as selecting the machine language, changing the heating time, selecting the fiber optic alignment mode, etc;
- ✓ You can manage the welding machine, such as setting the use time of the machine, welding times, etc;
- ✓ Upgrade the phone APP, bluetooth connected to the machine to upgrade the machine software;



Most of the menu settings for the fusion splicer can be operated through touch screen on the device Okay, but the mobile app has more comprehensive applications. Please download it!

# SERVICE COMMITMENT

**Five years warranty, but these circumstances are not within the scope of this provision.**

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01.Except for the cleaver, miller clamp, stripping pliers, fiber holders and other tools whose life depends on the frequency of use and the use of the environment. Also electrodes are consumption material which are not in the warranty.

02.Battery and power adapter are warranty for one year, it is in free warranty where it is damaged or can not be charged in one year.



Signal Fire Technology Co., Ltd. is a high-tech joint-stock enterprise specializing in the research and development, production, and sales of communication equipment, with a registered capital of 10 million. It is a national high-tech enterprise. Our main products include fiber optic fusion splicers, electric fiber cleaver, OTDR (Optical Time Domain Reflectometer), and 9-in-1 optical fiber stripper. They are widely used in the construction, maintenance, emergency repair, security monitoring, and research and teaching of optical cable lines in telecommunications, mobile, China Unicom, radio and television operators, post and telecommunications, railway, engineering companies, and public institutions.





The factory is located in Chengdu High tech International Enterprise Port, with a modern production factory and standardized office buildings. We have passed the ISO9001 international quality management system certification, and our products have passed the EU CE, ROHS. International certifications such as FCC in the United States and UKCA in the United Kingdom have been passed by the National Institute of Quality Supervision and Inspection, China Academy of Information and Communications Technology.







The qualified testing of Taier Laboratory has obtained nearly a hundred domestic and international patents at the same time. The "Signal Fire" series products have been sold to over 100 countries and regions including North America, South America, Europe, Africa, and Asia, and have received unanimous praise from customers.



## Operator winning bid brand



Telecom installation and maintenance skills competition, Signal fire fusion splicer excellent performance, won the group first prize



# Exhibition photos



# Product testing certificate

Signal Fire Technology Co., Ltd. has passed the ISO9001 international quality management system certification. The product has passed international certifications such as the CE, RoHS, the United States FCC, and UKCA in the United Kingdom, and passed the qualified test through National Quality Supervision Institute, China Xintong Institute, and Tel Laboratory. At the same time, we obtained nearly 100 patents.

**CERTIFICATE**

**CERTIFICATE**  
Of Conformity  
Directive 2014/53/EU  
On The Radio Equipment Directive

Certificate No.: AT18220WC202819  
Certificate Holder: SIGNAL FIRE TECHNOLOGY CO., LTD.  
Address: Building 18, Chengdu Hi-Tech International Enterprise Park, Liandu U Valley, 1111 Changheng Bridge, Pidu District, Chengdu, China  
Manufacturer: SIGNAL FIRE TECHNOLOGY CO., LTD.  
Address: Building 18, Chengdu Hi-Tech International Enterprise Park, Liandu U Valley, 1111 Changheng Bridge, Pidu District, Chengdu, China  
Product Name: OPTICAL FIBER FUSION SPLICER  
Model No.: AI-9, AI-6C, AI-6V, AI-7C, AI-8C, AI-8X, AI-TV, AI-X, S9  
Trade Mark: Signal fire  
Rating: Input: 13.5V/4.8A DC (with DC 11V, 7800mAh Battery inside)

| The radio equipment meets the following essential requirements |                                     |     | Complied |
|----------------------------------------------------------------|-------------------------------------|-----|----------|
| Article 3(1)(a)                                                | EN IEC 62368-1:2020+A11:2020        | Yes |          |
| Article 3(1)(a)                                                | EN 50663:2017; EN 62479:2010        | Yes |          |
| Article 3(1)(b)                                                | ETSI EN 301 489-1 V2.2.3 (2019-11)  | Yes |          |
| Article 3(1)(b)                                                | ETSI EN 301 489-17 V2.2.4 (2020-09) | Yes |          |
| Article 3(2)                                                   | ETSI EN 300 328 V2.2.2 (2019-07)    | Yes |          |

Note: The attached Annex forms part of this certificate which consists of 2 pages.

Certified by  
Jan. 03, 2023  
Date  
Kingkong Jin

The CE Marking may only be used if all relevant and effective EU Directives are complied with

Shenzhen Anbotek Compliance Laboratory Limited  
1/F, Building D, Sogood Science and Technology Park, Samwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China 518128  
Tel: (86)755-2606440 Fax: (86)755-26014772  
http://www.anbotek.com Email: service@anbotek.com

**CERTIFICATE**

**CERTIFICATE**  
Of Conformity  
Radio Equipment Regulations 2017  
(SI 2017 No. 1206)

Certificate No.: AT18220WC202820  
Certificate Holder: SIGNAL FIRE TECHNOLOGY CO., LTD.  
Address: Building 18, Chengdu Hi-Tech International Enterprise Park, Liandu U Valley, 1111 Changheng Bridge, Pidu District, Chengdu, China  
Manufacturer: SIGNAL FIRE TECHNOLOGY CO., LTD.  
Address: Building 18, Chengdu Hi-Tech International Enterprise Park, Liandu U Valley, 1111 Changheng Bridge, Pidu District, Chengdu, China  
Product Name: OPTICAL FIBER FUSION SPLICER  
Model No.: AI-9, AI-6C, AI-6V, AI-7C, AI-8C, AI-8X, AI-TV, AI-X, S9  
Trade Mark: Signal fire  
Rating: Input: 13.5V/4.8A DC (with DC 11V, 7800mAh Battery inside)

| The radio equipment meets the following essential requirements |                                     |     | Complied |
|----------------------------------------------------------------|-------------------------------------|-----|----------|
| CHAPTER 1 General(1)(a)                                        | BS EN IEC 62368-1:2020+A11:2020     | Yes |          |
| CHAPTER 1 General(1)(a)                                        | BS EN 50663:2017; BS EN 62479:2010  | Yes |          |
| CHAPTER 1 General(1)(b)                                        | ETSI EN 301 489-1 V2.2.3 (2019-11)  | Yes |          |
| CHAPTER 1 General(1)(b)                                        | ETSI EN 301 489-17 V2.2.4 (2020-09) | Yes |          |
| CHAPTER 1 General(2)                                           | ETSI EN 300 328 V2.2.2 (2019-07)    | Yes |          |

Note: The attached Annex forms part of this certificate which consists of 2 pages.

Certified by  
Jan. 03, 2023  
Date  
Kingkong Jin

The UKCA Marking may only be used if all relevant and effective UK Regulations are complied with

Shenzhen Anbotek Compliance Laboratory Limited  
1/F, Building D, Sogood Science and Technology Park, Samwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China 518128  
Tel: (86)755-2606440 Fax: (86)755-26014772  
http://www.anbotek.com Email: service@anbotek.com

**TCB**

**GRANT OF EQUIPMENT AUTHORIZATION**  
Certification  
Issued Under the Authority of the  
Federal Communications Commission  
By:

LGAJ Technological Center S.A. (APPLUS)  
Ronda de la Font del Carme, s/n -08019-P.D.  
Box 08193,  
Barcelona,  
Spain

Date of Grant: 01/17/2024  
Application Dated: 01/17/2024

Signal Fire Technology Co., Ltd.  
No.8-6 Qingyang Zone, Jiaolong Industrial Park  
Qingyang District, Chengdu, China  
Chengdu,  
China

Attention: Jason Yang

**NOT TRANSFERABLE**  
EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: 2AB98-AI-10A  
Name of Grantee: Signal Fire Technology Co., Ltd.  
Equipment Class: Digital Transmission System  
Notes: OPTICAL FIBER FUSION SPLICER

| Grant Notes | FCC Rule Parts | Frequency Range (MHz) | Output Watts | Frequency Tolerance | Emission Designator |
|-------------|----------------|-----------------------|--------------|---------------------|---------------------|
|             | 15C            | 2402.0 - 2480.0       | 0.00193      |                     |                     |

Output power listed is conducted. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons. ESD users must be provided with operating procedures for satisfying RF exposure compliance.

**QUALITY MANAGEMENT SYSTEM CERTIFICATE**

Certificate No.: 11423Q45347R2M  
This is to certify that the Quality Management System of  
**SIGNAL FIRE TECHNOLOGY CO., LTD.**  
Unified Social Credit Code: 91510100072411028D  
Registered Address: No.1111 Changheng Bridge, Hongguang Town, Small and Micro Enterprise Innovation Park, North Area of Chengdu Modern Industrial Port, Pidu District, Chengdu  
Production/Office Address: Building 18, Chengdu High-tech International Enterprise Park, Liandu U Valley, No.1111 Changheng Bridge Road, Pidu District, Chengdu City, Sichuan Province, China

Has been audited to conform to the following Quality Management System standard  
**GB/T19001-2016/ISO9001:2015**  
The Applicable Scope  
The production of optical fiber fusion splicer

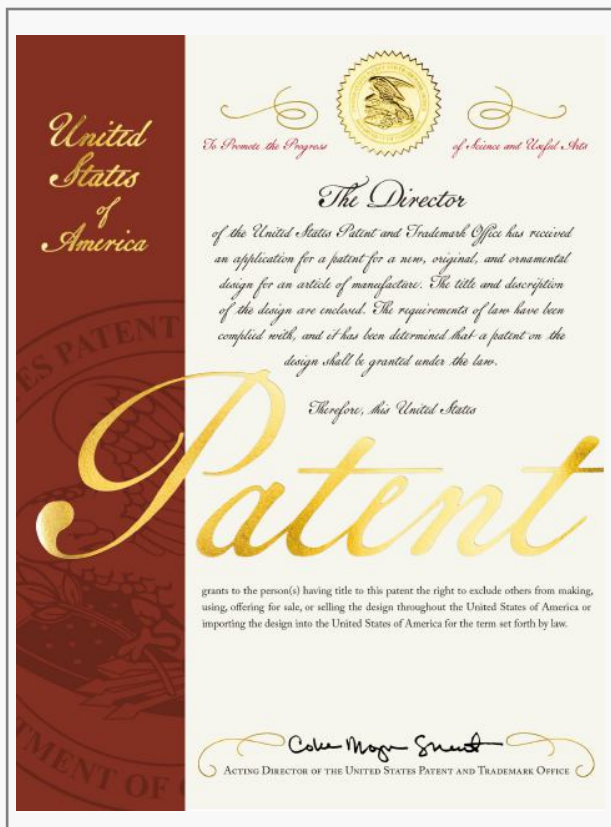
Date of initial issuance: Aug. 22, 2017  
Date of issuance: Jul. 11, 2023  
Date of expiry: Jul. 31, 2026

Issued by: *Wei Fengyu* Beijing East Alltech Certification Center Co., Ltd.

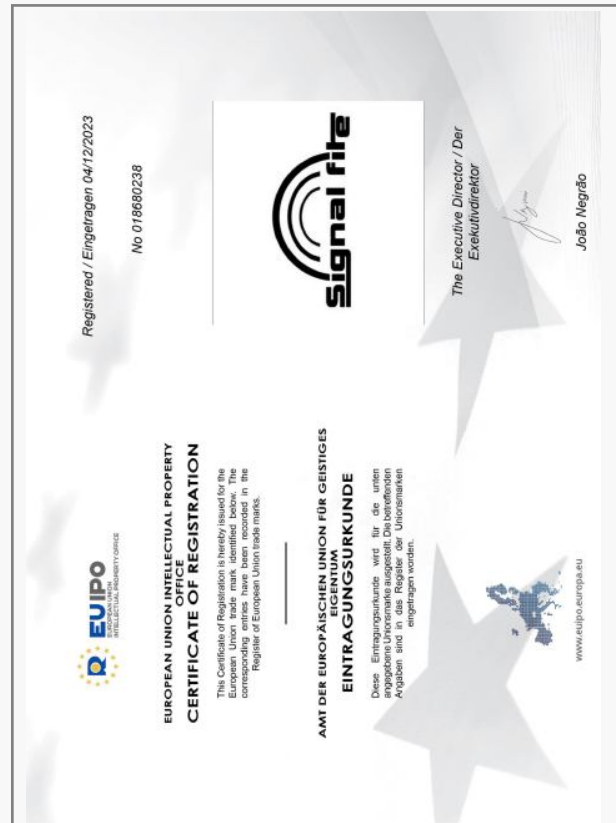
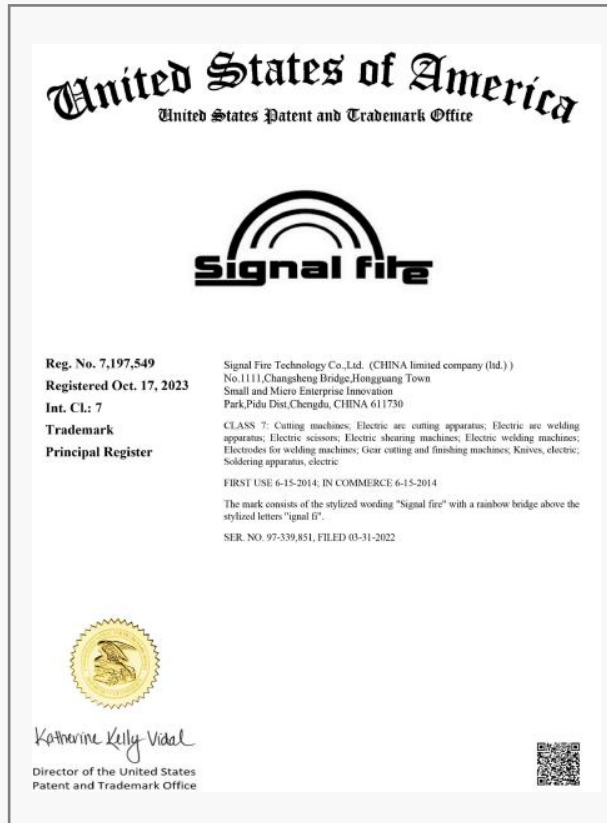
**EACC** **IAF** **CNAS**

中国合格评定中心  
认证证书  
证书编号: 11423Q45347R2M  
管理体系认证  
CNCAS C1144M

# International Patent



# International trademark



# International trademark

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                   |                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------|
|  <p><b>INTELLECTUAL<br/>PROPERTY INDIA</b><br/><small>INDIAN PATENT OFFICE</small></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <br>सत्यमेव जयते | पत्रा संख्या - 2<br>Form BG - 2<br>प्रसंगिक No. 3473059 |
| <b>स्वायत्त चिह्न रजिस्ट्री, भारत सरकार Trade Marks Registry, Government Of India</b><br><b>स्वायत्त चिह्न अधिनियम, 1999 Trade Marks Act, 1999</b><br><b>स्वायत्त चिह्न के रजिस्ट्रेशन का प्रमाणपत्र / Certificate of Registration of Trade Mark</b><br>(धारा 23 (2), नियम 56(1)(3) Section 23, Rule 56 (1))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   |                                                         |
| स्वायत्त चिह्न संख्या / Trade Mark No.<br>दिनांक / Date<br>नं. संख्या / J. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : 6001904<br>: 6/30/2023<br>: 2129                                                                |                                                         |
| घोषित किया जाता है कि: व्यापार चिह्न / जिसका उपयोग इनके स्वयं संबंध में, वह                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                   |                                                         |
| _____ के नाम से _____ मे                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                   |                                                         |
| संबंध के अर्थानुसार निम्नलिखित _____ मे                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |                                                         |
| के संबंध में रजिस्ट्रेशन किया गया है।                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                   |                                                         |
| Certified that Trade Mark / s representation is awarded hereby, has been registered in the names(s) of > SIGNAL FIRE TECHNOLOGY CO., LTD., No.1111 Changsheng Bridge Hongguang Town Road and Min Enterprise Innovation Park/FZ, Dist.Chongqing,Sichuan, 611730,China, limited liability company incorporated under the laws of China, (Body Incorporated)<br>In Case      7                  Under No.      6001904                  as of date      30 June 2023                  respect of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   |                                                         |
| <b>Goods and service as annexed</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                   |                                                         |
| <b>Trade Mark as annexed</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   |                                                         |
| आज तारीख 20 _____ के _____ यह के _____ ये दिन को मेरे निर्देश पर सुविधित किया गया<br>Signed at my direction, this, 16 <sup>th</sup> day of April , 2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |                                                         |
| <div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: right;"> <br/> <b>अनुराग की शर्मा</b><br/> <b>Registrar of Trademarks</b> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |                                                         |
| <b>स्वायत्त चिह्न रजिस्ट्री मंत्रालय</b><br><b>Trade Marks Registry MJBABU</b><br><small>(आवेदनकर्ता को सूचित है कि वे अपने आवेदन के साथ आवश्यक रूप से सभी दस्तावेज़ों को जोड़ें और उन्हें सही ढंग से व्यवस्थित करें ताकि वे सही ढंग से प्रस्तुत हो सकें)</small><br><small>(आवेदक को सूचित किया जा रहा है कि आवेदन के अंतर्गत प्रदान किए गए विवरणों को सटीक रूप से दर्शाया जाना चाहिए और इसे सही ढंग से प्रस्तुत किया जाना चाहिए)</small><br><small>Registration shall be made after the date of publication and may thereafter be subject to a period of 12 months and after the expiration of such period of 12 months.</small><br><small>This certificate will be valid for use in accordance with the provisions of the Trade Marks Act, 1999.</small><br><small>Note: Upon any change of ownership of this trademark, or change in address of the principal place of business address for service for goods in India a request should be filed AT QUICER made to register the change.</small> |                                                                                                   |                                                         |

[illegible]

TRADE MARKS  
REGISTRY

REGISTRATION  
CERTIFICATE

Trade Marks Act 1994 of

Great Britain and Northern Ireland

I certify that the mark shown below has been registered under No. UK00003888005 effective as of the date 13/03/2023 and has been entered in the register on 12/01/2024

Signed this day at my direction

*Adam Williams*

Adam Williams  
REGISTRAR

Representation of Mark



The mark has been registered in respect of:  
Class 7:  
Cutting machines; Clippers [machines]; Splicing machines; Knives, electric; Hand-held tools, other than hand-operated; Electric arc welding apparatus; Electric arc cutting

Intellectual Property Office is an operating name of the Patent Office

Registered / Eingetragen 21/04/2023

No 019802832

**EUROPEAN UNION INTELLECTUAL PROPERTY  
OFFICE  
CERTIFICATE OF REGISTRATION**

This Certificate of Registration is hereby issued for the  
European Union trade mark identified below. The  
corresponding class has been recorded in the  
Register of European Union trade marks.

\_\_\_\_\_

**AMT DER EUROPÄISCHEN UNION FÜR GEISTIGES  
EIGENTUM  
EINTRAGUNGSRURKUNDE**

Diese Eintragungsurkunde wird für die unten  
angegabene Unionmarke ausgestellt. Die betreffenden  
Angaben sind in das Register der Unionmarken  
eingetragen worden.

**ZHUOSHUI**

The Executive Director / Der  
Exekutivdirektor

*Christian Ardambeau*

Christian Ardambeau

  
INTELLECTUAL PROPERTY OFFICE



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