



OPTICAL FIBER FUSION SPLICER



NEW PRODUCT LAUNCH CLASSIC MASTERPIECE

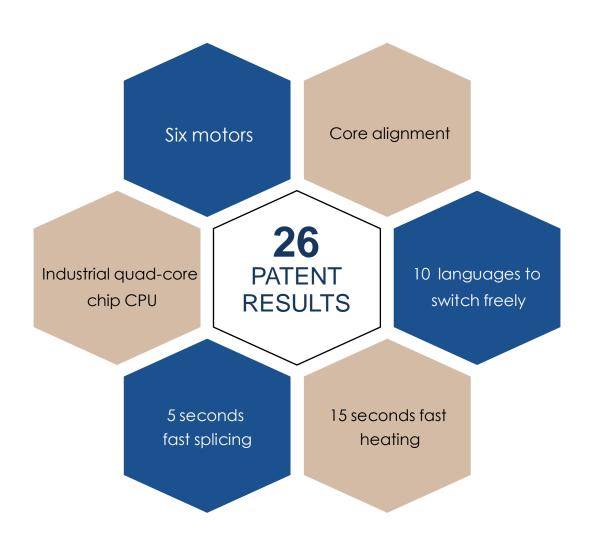




Signal Fire AI-9 use the latest core alignment technology with auto focus and six motors, it is a new generation of fiber fusion splicer. It is fully qualified with trunk construction of medium and short distance, FTTH project, security monitoring and other fiber cable splicing projects. The machine uses industrial quad-core CPU, fast response, is currently one of the fastest fiber splicing machine in the market; with 5-inch 800X480 highresolution screen, the operation is simple and intuitively; and up to 300 times focus magnifications, making it is very easy to observe the fiber with naked eyes. 5 seconds speed core alignment splicing, 15 seconds heating, the working efficiency increased by 50% compared to ordinary splicing machines. Under the conditions of rigorous testing, the performance is still outstanding; toolbox is small, exquisite, durable, and with unique bench design. The design of operating platform reflects the humanistic care; unique lighting design, it is convenient for night construction or repair. Screen brightness is adjustable and it is convenient for outdoor sunshine environment operation. The core parts are using imported brands, aviation metal body material with exquisite details. With the combination of advanced technology and design, the new generation of optical fiber fusion splicer will bring you a reliable and comfortable user experience.

MASTERPIECE HIGH-END LUXURY





METAL BODY AESTHETIC DETAILS





VFL: Always on / flashing / off

Power Meter:

850nm/1300nm/1310nm/1490nm

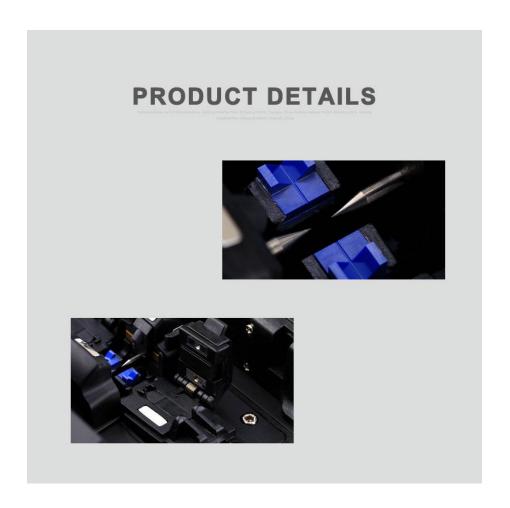
/1550nm/1625nm Six states

BUILT-IN POWER METER AND VFL

Effectively measure connection loss, verify continuity, and help assess fiber link transmission quality.

METAL BODY AESTHETIC DETAILS





EXQUISITE DETAILS



THE TOOLBOX

OPTICAL FIBER FUSION SPLICER

COMES WITH A STOOL TO FACILITATE THE CONSTRUCTION WORKERS.







Remove





CORE PARTS QUALITY ASSURANCE









Siemens stepper motor

Roth ROUST linear guide

Sanyo lithium battery

Aviation metal material



Lighting for splicer

Convenient for night operation





Can charge the phone

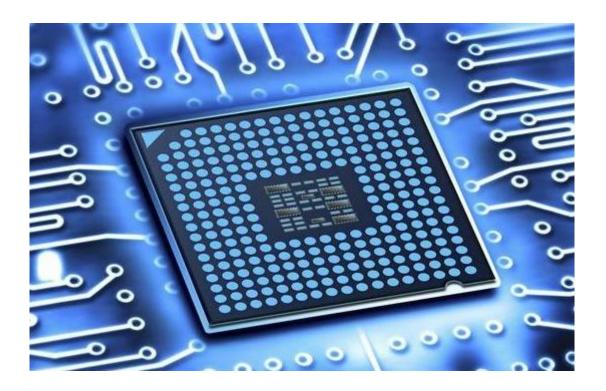
Avoid the use of outdoor construction mobile phones without electricity





INDUSTRIAL QUAD-CORE CHIP CPU

Synchronous operation / speed response / no jammed / super experience





3 IN 1 FIBER HOLDER

SM, MM, bare fiber, pigtail, rubber-insulated, multi fiber cable





7800mAh LARGE CAPACITY BATTERY OPTICAL FIBER FUSION SPLICER

charging time ≤ 3.5 hours/continuous splicing and heating about 260 times





10 LANGUAGES TO SWITCH FREELY



Covers the global major user market























Show good performance in plateau, desert, and extreme cold environment









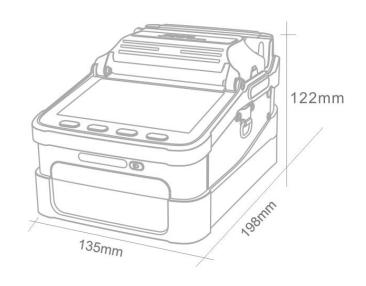
BASIC PARAMETER

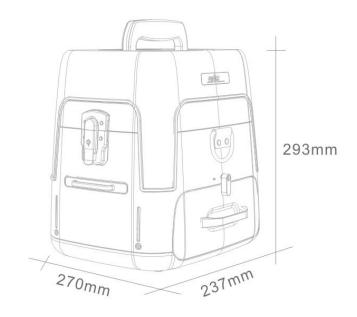
Fiber alignment	Core/cladding alignment / Manual alignment	Language Setting	10 languages to switch freely
Splicing time	5S	Tension Test	Standard 2N
Heating time	15S	Fiber holders	3 in 1 fiber holder, SM, MM, bare fiber, pigtail, rubber-insulated, multi fiber cable
Heating mode	Automatic heating (Preheating)	Magnification	300 for X or Y view, 150 for X or Y view
Focus mode	Six motors Auto focus	Screen	5 inch TFT color display
Applicable Fibers	SM(G.652&G.657)、MM (G.651) 、DS(G.657)、 NZDS (G.655)	Splicing Mode	Normal / high precision splicing
Splice Loss	0.025dB (SM) 、0.01dB (MM) 0.04dB (DS/NZDS)	Splicing method	Fully automatic、Step by step splicing
Control technology	Real-time control and calibration of fusion ARC	Splicing record storage	Synchronize to the phone, the server to cloud storage unlimited
Return loss	Better than 60DB	Built-in battery	7800 mA high-capacity lithium battery, charging time ≤ 3.5 hours, continuous splicing and heating about 260 times
Fiber diameter	Cladding Diameter : 80-150μm Coating Diameter : 100-1000μm	Power supply	Input AC100-240V 50 / 60HZ, output DC13.5V / 4.8A, the current power mode can be identified, real-time detection of battery power
Fiber Cleave Length	Coating less than 250µm : 8-16mm Coating less than 250-1000µm:16mm	Operating Conditions	Temperature -15 ~ +50 °C, humidity: <95% RH (no condensation) Working altitude: 0 ~ 5000m. Resist max. wind speed: ≤ 15m / s
Software update Length	Automatically update、 Update by a key	Shrinkable tube	60mm、50mm、40mm、25mm
Boot time	1 second	Product protection	Waterproof, dust proof, shock-resistant

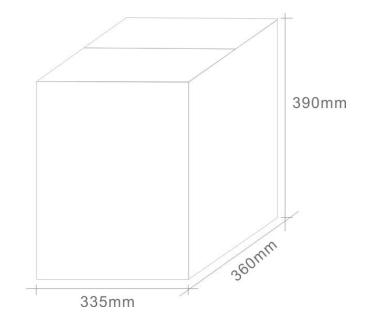


Size









Machine weight

2.08kg (with battery) 1.60kg (without battery) Toolbox weight

7.1kg (including machine and accessories)

Total weight

8.40kg



Accessories in the tool box



Fiber Cleaver



Spare electrode



Wire stripping pliers



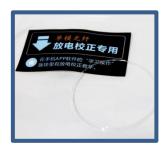
Miller stripper



Hex key



carrying case



Fiber for ARC calibration



Strap



Power Adapter



Alcohol Bottle



Brush



User's manual Quality Certificate Warranty Card



ABOUT US









Signal Fire Technology Co.,Ltd. Is A High-Tech Enterprise Which Is Specialized In Research And Development, Production And Sales Of Communications Products. The Main Products Are Automatic Intelligent Optical Fiber Fusion Splicer, Optical Time Domain Reflectometer (OTDR), Light Power Meter, Optical Cable Construction Tools Equipment, Fiber Fusion And Taper Equipment, Optical Cable Blowing Machine Etc. Our Products Are Widely Used In China Telecom, China Mobile, China Unicom, Broadcasting, Electricity, Railways, Petrochemical, Military, Coal Industry, Research Institutions And Other Fields.

Our Company Has A Modern Production Plant And Standardized Office Buildings, With A Total Area Of Nearly 6,000 Square Meters, About 380 Employees, Including 10 Senior Engineers, 12 Master's Degree Or Above, Bachelor Degree Or Above Accounted For 45%.



ABOUT US



Our Company Owns Independent Intellectual Property Rights For Signal Fire Automatic Intelligent Optical Fiber Fusion Splicer And Its Related Products. Our Products Have Been Sold To Many Countries And Regions, Including North America, South America, Europe And Southeast Asia Etc, Our Products Have Gained Highly Praise From Customers.



















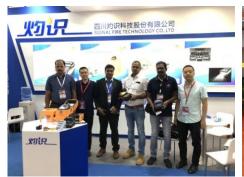




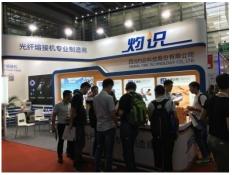


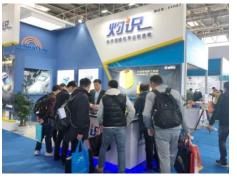


EXHIBITION PHOTOS

















EXHIBITION PHOTOS





INTELLECTUAL PROPERTY









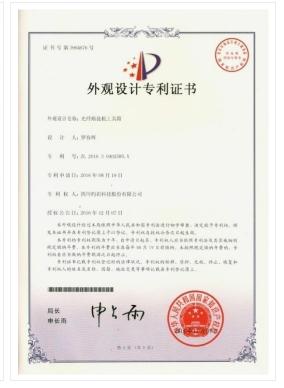


We obtained PCT patents, 8 invention patents, 16 utility model patents, and 2 appearance patents.

	专利合作条	约	
	PCT		
	国际检索报告		
	(PCT 第 18 条和短則 43 和	44)	
申请人或代理人的档案号 LZP18005	关于启载 见 PCT/ISA 行 为 适用时,见		
国际申请号 PCT/CN2018/095816	国际中语日 (日/月/年) 16.7 月 2018 (16.07.2018)	(最早的)优先权日(日/月/年)	
申请人	YOK S		
Management of Action and	多 存	MARI MANAGONESI	
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]的各现有技术文件的副本。		
 报告的基础 a.关于语言,进行国际 □ 该国际申请提交时 □ 该国际申请的 	使用的语言。	宽的目的提供该种语言的译文(推明	
12.3(a)和23.1(b))。 b□ 本国际检索报告 (细则43.6之二(a))。	考虑了本单位许可或被通知的根据	原鄉則91所做出的明星错误更正。	
c.□ 关于国际申请中	公开的任何核苷酸和/或氨基酸疗	列(見第1栏)。	
2. □ 某些权利要求被	认为是不能检索的(克第 11 栏)。		
3. □ 缺乏发明的单一	性(見第111 栏)。		
4. 关于发明名称。			
	☑ 阿意申请人提出的发明名称。		
□ 发明名称由本单	位确定如下。		
 关于擴賽。 □ 同意申请人提出 □ 根据细则 38.2(b) 一个月內,申请人可以向本 6、关于附图。 	, 摘要由本单位制定, 如第 IV 栏	中所示。自本国际检查报告发文日起	
	议的。 的。因为申请人没有建议一幅图 的。因为该图能更好地表示发明!		1









SERVICE COMMITMENT

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

- •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.