

AI-8C

PRODUCT MANUAL

Vector Illustration

M A P

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Vector Illustration

M A P

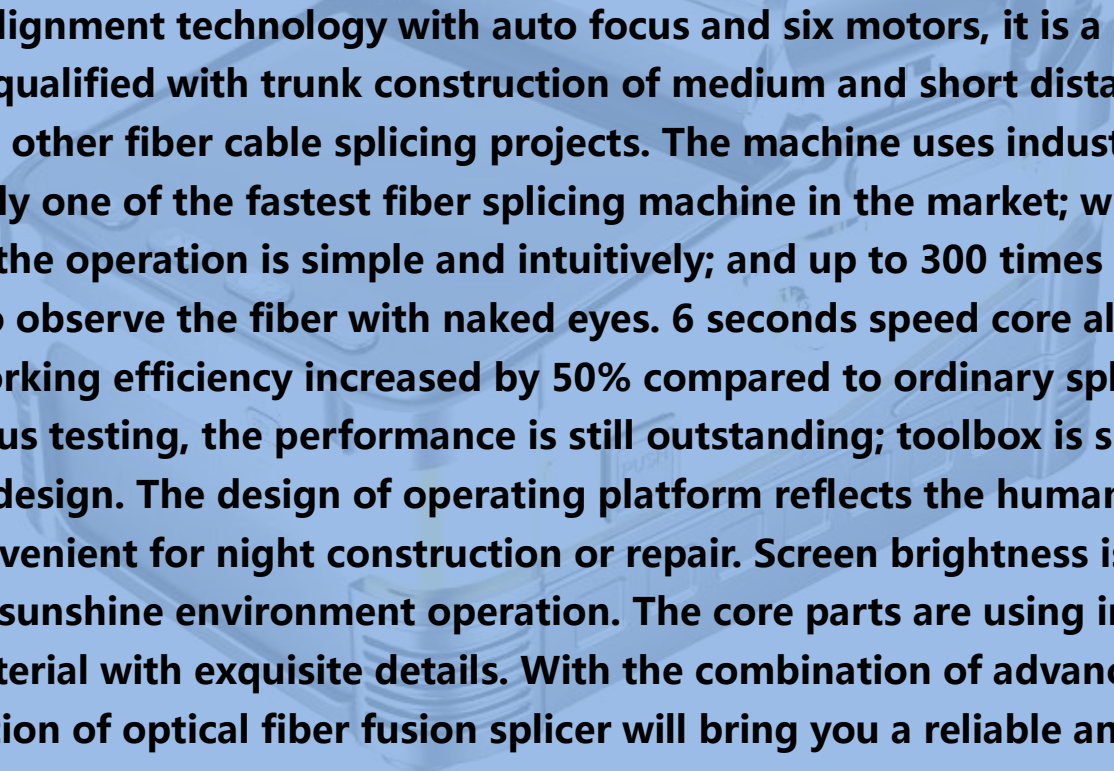
Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

OPTICAL FIBER FUSION SPLICER



NEW PRODUCT LAUNCH

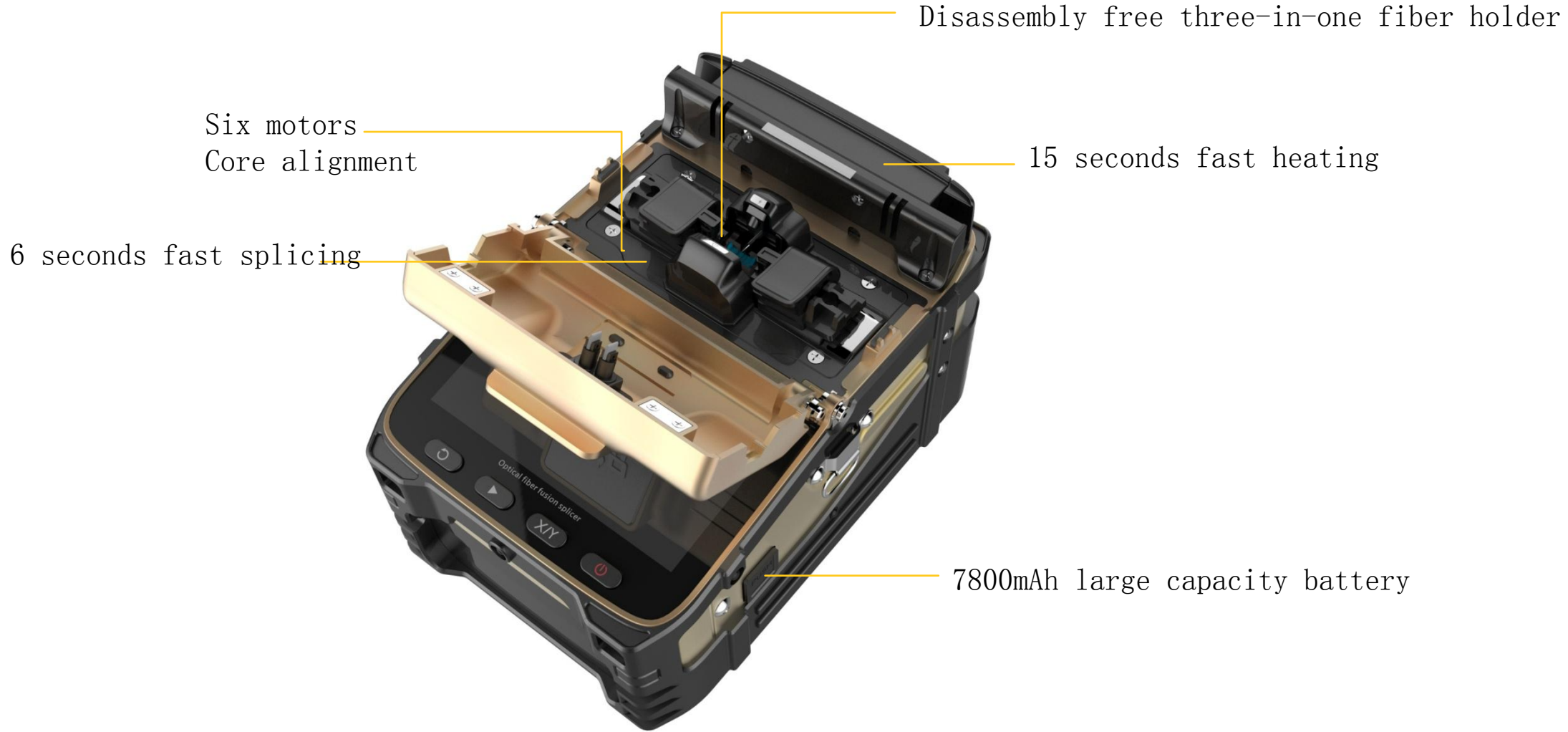
CLASSIC MASTERPIECE



We 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 high-resolution 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. 6 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

• 26 patent results

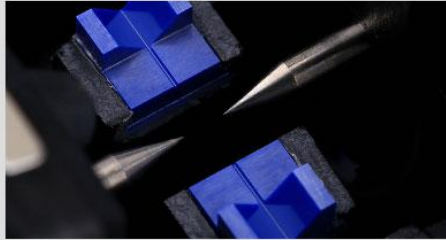


METAL BODY

AESTHETIC DETAILS

PRODUCT DETAILS

Factory Address: No.52 Gaoqiang Zone, Jiaxing Industrial Park, Qingyang District, Chengde, China. Factory Address: No.52 Gaoqiang Zone, Jiaxing Industrial Park, Qingyang District, Chengde, China.



EXQUISITE DETAILS

Factory Address: No.52 Gaoqiang Zone, Jiaxing Industrial Park, Qingyang District, Chengde, China. Factory Address: No.52 Gaoqiang Zone, Jiaxing Industrial Park, Qingyang District, Chengde, China.



THE TOOLBOX

COMES WITH A STOOL TO FACILITATE THE CONSTRUCTION WORKERS.



Stool can bear 100KG

Remove the stool



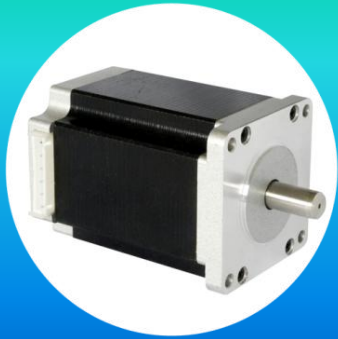
Do not need to take out the splicer machine from the toolbox while working.

Fiber cleave operator station



Two layers

CORE PARTS QUALITY ASSURANCE



Siemens stepper motor



Roth ROUST linear guide



Sanyo lithium battery

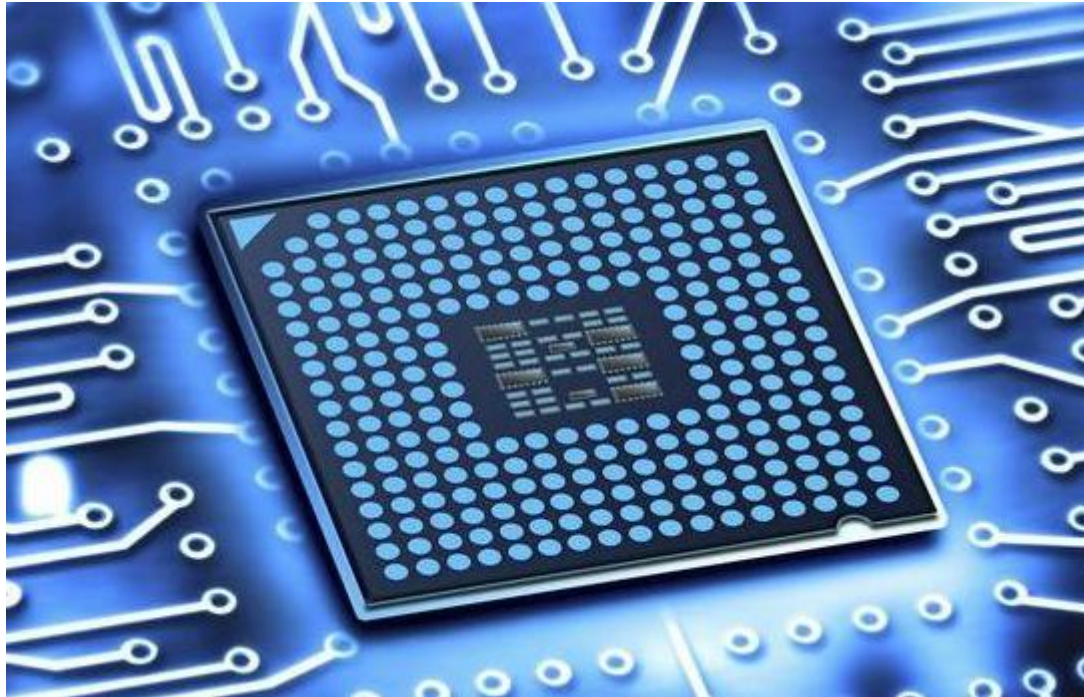


Aviation metal material

INDUSTRIAL QUAD-CORE CHIP CPU

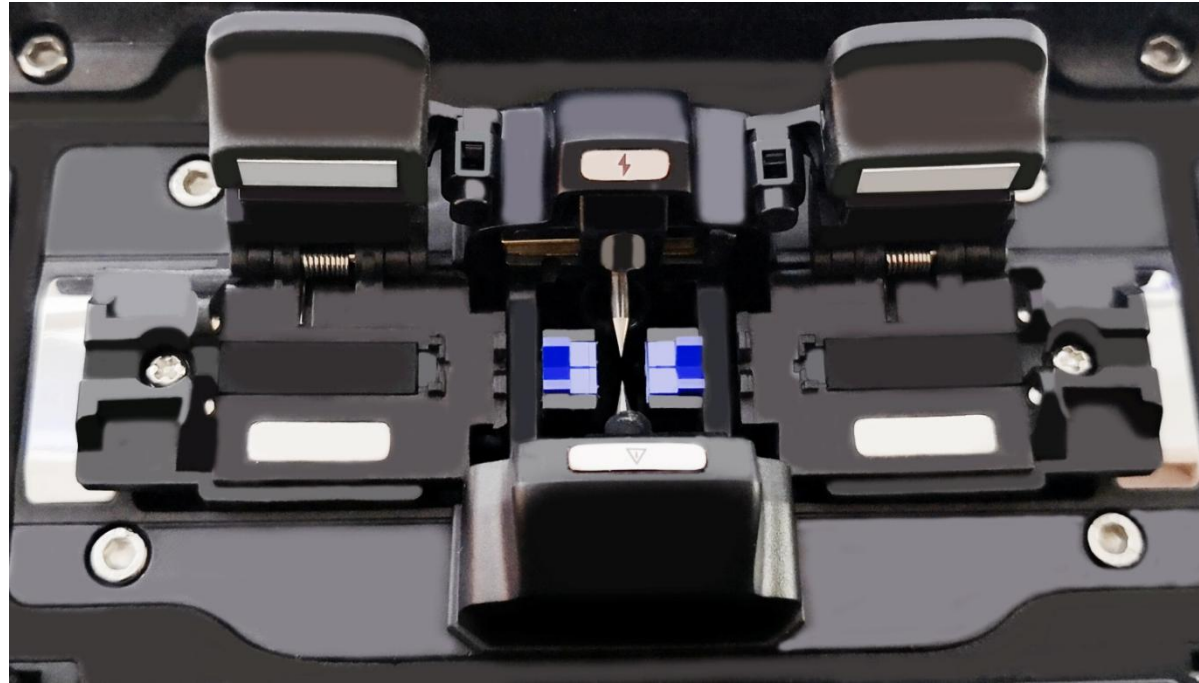


Synchronous operation / speed response / no jammed / super experience



3 IN 1 FIBER HOLDER

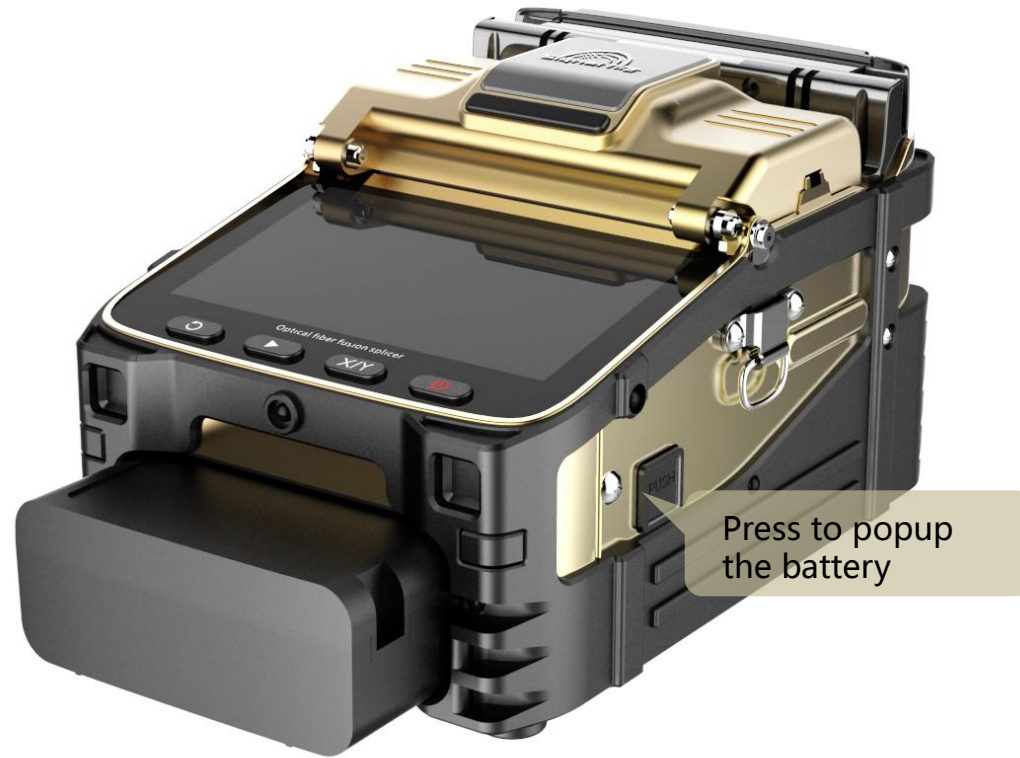
SM, MM, bare fiber, pigtail, rubber-insulated, multi
fiber cable



7800mAh LARGE CAPACITY BATTERY

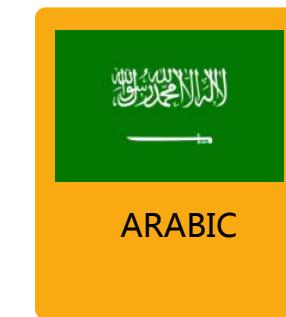


charging time \leq 3.5 hours/continuous splicing and heating about 200 times



10 LANGUAGES TO SWITCH FREELY

Covers the global major user market



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

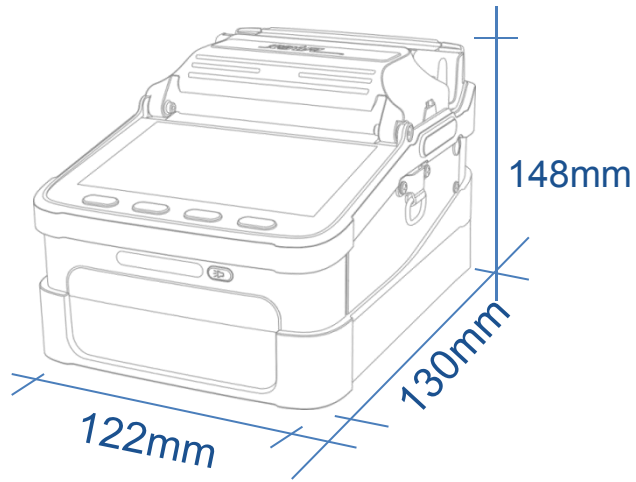


BASIC PARAMETER



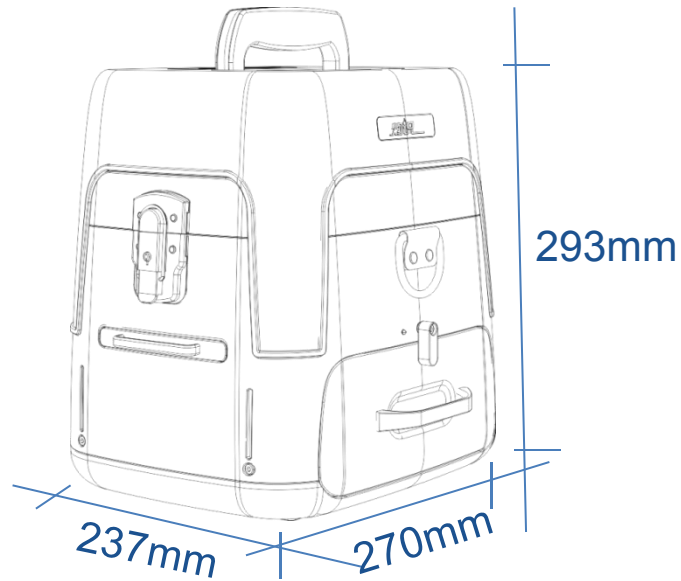
Fiber alignment	Core/cladding alignment / Manual alignment	Tension Test	Standard 2N
Splicing time	6S	Fiber holders	3 in 1 fiber holder, SM, MM, bare fiber, pigtail, rubber-insulated, multi fiber cable
Heating time	15S	Magnification	300 for X or Y view, 150 for X or Y view
Heating mode	Automatic heating (Preheating)	Screen	5 inch TFT color display
Focus mode	Six motors Auto focus	Splicing Mode	Normal / high precision splicing
Applicable Fibers	SM(G. 652&G. 657)、MM (G. 651)、DS(G. 657)、NZDS (G. 655)	Splicing method	Fully automatic、 Step by step splicing
Splice Loss	0.025dB (SM)、0.01dB (MM) 0.04dB (DS/NZDS)	Splicing record storage	Synchronize to the phone, the server to cloud storage unlimited
Control technology	Real-time control and calibration of fusion ARC	Built-in battery	7800 mA high-capacity lithium battery, charging time \leq 3.5 hours, continuous splicing and heating about 200 times
Return loss	Better than 60DB	Power supply	Input AC100-240V 50 / 60HZ, output DC13.5V / 4A, the current power mode can be identified, real-time detection of battery power
Fiber diameter	Cladding Diameter: 80-150 μ m Coating Diameter: 100-1000 μ m	Operating Conditions	Temperature -15 ~ +50 $^{\circ}$ C, humidity: <95% RH (no condensation) Working altitude: 0 ~ 5000m. Resist max. wind speed: \leq 15m / s
Fiber Cleave Length	Coating less than 250 μ m: 8-16mm Coating less than 250-1000 μ m:16mm	Shrinkable tube	60mm、50mm、40mm、25mm
Software updates Length	Automatically update、 Update by a key	Product	Waterproof, dust proof, shock-resistant
Boot time	1 second		

Size



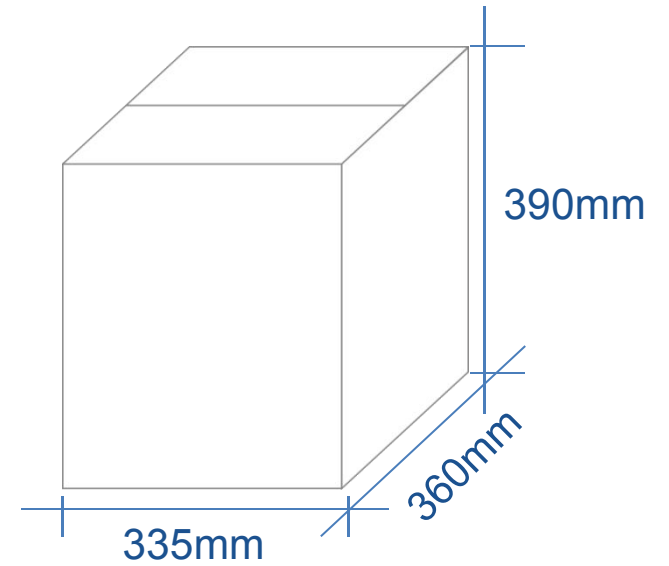
Machine weight

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



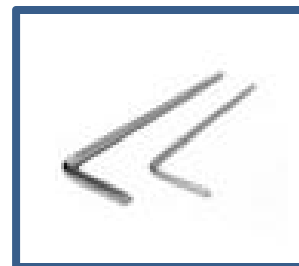
Spare electrode



Wire stripping pliers



Miller stripper



Hex key



carrying case



Fiber for
ARC calibration



Strap



Power Adapter



Alcohol Bottle

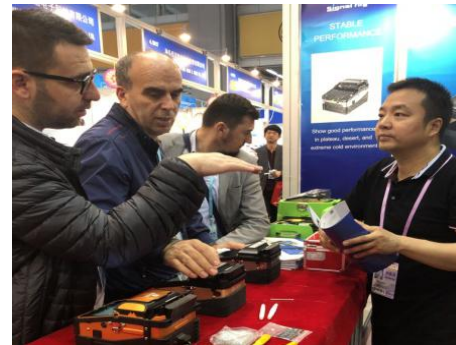
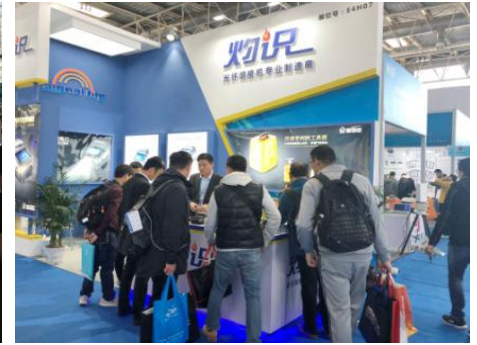
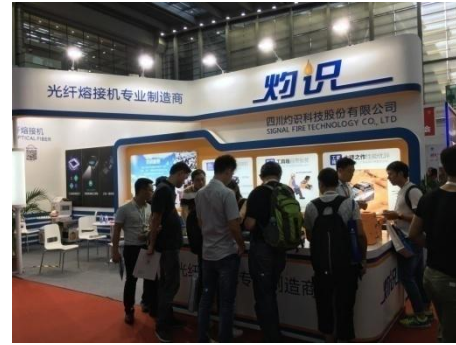


Brush

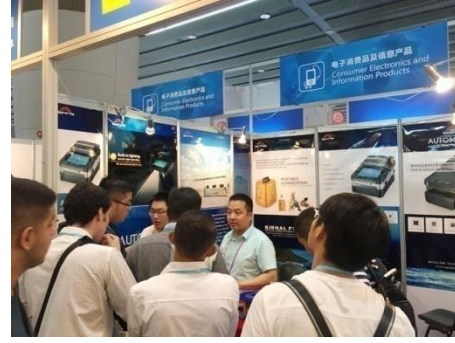


User' s manual
Quality Certificate
Warranty Card

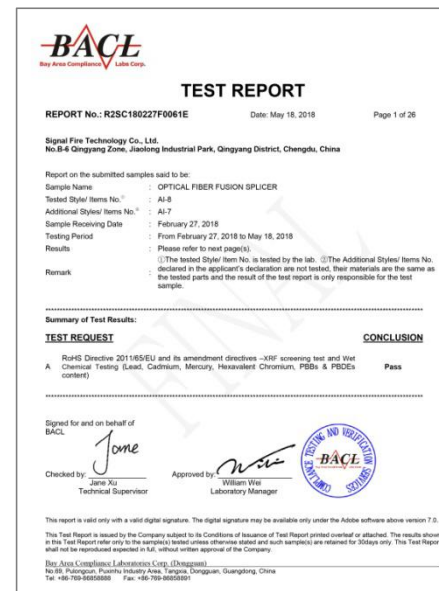
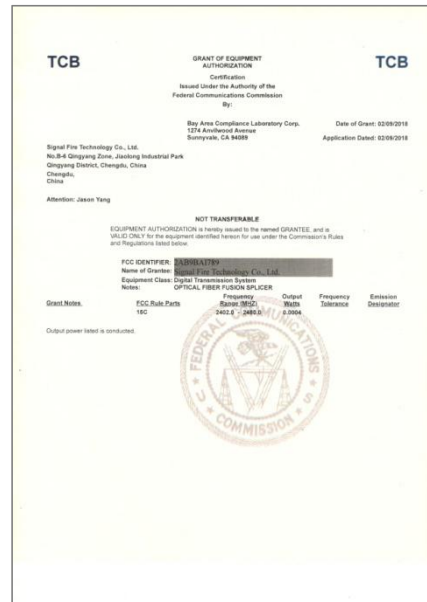
EXHIBITION PHOTOS



EXHIBITION PHOTOS



INTELLECTUAL PROPERTY



美国FCC认证

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 条和规则 43 和 44)

申请人或代理人的档案号 LZP18005	其子后续 行为	见 PCT/ISA/220 表第 适用时, 见下面第 5 项
国际申请号 PCT/CN2018/098816	国际申请日 (日/月/年) 16.7.2018 (16.07.2018)	最早的优先权日 (日/月/年)
申请人 罗春晖 等		

按照第 18 条, 本国际检索报告由本国际检索单位做出并送交申请人。报告副本送交国际局。
本国际检索报告总计 5 页。
 它还有本报告所引用的各现有技术文件的副本。

1. 报告的基础
a. 关于语言, 进行国际检索基于:
 国际申请提交时使用的语言。
 该国际申请的 _____ 语言译文, 为了国际检索的目的提供该种语言的译文 (规则 13.2(a) 和 23.1(b))。
b. 本国际检索报告考虑了本单位许可或被通知的检索细则所做出的明显错误更正。(规则 43.6 之二(a))
c. 关于国际申请中公开的任何核苷酸和/或氨基酸序列 (见第 1 栏)。
2. 某些权利要求被认为不能检索的 (见第 11 栏)。
3. 缺乏发明的单一性 (见第 111 栏)。
4. 关于发明名称。
 同意申请人提出的发明名称。
 发明名称由本单位确定如下:
5. 关于摘要。
 同意申请人提出的摘要。
 根据细则 38.2(b), 摘要由本单位制定, 如第 IV 栏中所示。自本国际检索报告发文日起一个月内, 申请人可以向本单位提出意见。
6. 关于附图。
a. 随摘要一起公布的附图是: 图 1
 按照申请人的建议。
 由本单位选择的, 因为申请人没有建议一栏用。
 由本单位选择的, 因为该图能更好地表示发明的特征。
b. 没有与摘要一起公布的附图。

PCT/ISA210 (规范 1 第 1 页) (2015 年 1 月)

1/5

证书号第 3147253 号

实用新型专利证书

实用新型名称: 一种用于光纤熔接机的电极座

发明人: 罗春晖

专利号: ZL 2013 2 0219700.0

专利申请日: 2013 年 04 月 26 日

专利权人: 罗春晖

授权公告日: 2013 年 09 月 04 日

本实用新型经过本局依照中华人民共和国专利法进行初步审查, 决定授予专利权, 颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。
本专利的专利权期限为十年, 自申请日起算。专利权人应当依照专利法及实施细则规定缴纳年费。本专利的年费应当在每年 04 月 26 日前缴纳。未按照规定缴纳年费的, 专利权应当自缴纳年费期满之日起终止。
专利证书记载专利权登记时的法律状况, 专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长 田力善

第 1 页 (共 1 页)

证书号第 2046249 号

发明专利证书

发明名称: 手机控制光纤熔接机的方法以及实现该方法的光纤熔接机

发明人: 罗春晖

专利号: ZL 2014 1 0192764.5

专利申请日: 2014 年 05 月 08 日

专利权人: 罗春晖

授权公告日: 2016 年 04 月 27 日

本发明经过本局依照中华人民共和国专利法进行审查, 决定授予专利权, 颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。
本专利的专利权期限为二十年, 自申请日起算。专利权人应当依照专利法及实施细则规定缴纳年费。本专利的年费应当在每年 05 月 08 日前缴纳。未按照规定缴纳年费的, 专利权应当自缴纳年费期满之日起终止。
专利证书记载专利权登记时的法律状况, 专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长 申长雨

第 1 页 (共 1 页)

证书号第 3964676 号

外观设计专利证书

外观设计名称: 光纤熔接机工具

设计人: 罗春晖

专利号: ZL 2016 3 0402585.X

专利申请日: 2016 年 08 月 19 日

专利权人: 四川均识科技股份有限公司

授权公告日: 2016 年 12 月 07 日

本外观设计经过本局依照中华人民共和国专利法进行初步审查, 决定授予专利权, 颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。
本专利的专利权期限为十年, 自申请日起算。专利权人应当依照专利法及实施细则规定缴纳年费。本专利的年费应当在每年 08 月 19 日前缴纳。未按照规定缴纳年费的, 专利权应当自缴纳年费期满之日起终止。
专利证书记载专利权登记时的法律状况, 专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长 申长雨

第 1 页 (共 1 页)

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.