

# OPTICAL FIBER FUSION SPLICER



## EFFICIENCY & SPEED:

Achieves 5-second splicing and 15-second heating with the latest core alignment technology and a quad-core CPU, reducing downtime and increasing job completion rate.



## PORTABILITY & BATTERY LIFE:

Compact design for high-capacity 7800 mA battery allowing for continuous splicing and heating about 200 times, minimizing the need for frequent recharging.



## RELIABILITY IN DIVERSE ENVIRONMENTS:

Aviation-grade metal body ensures durability, and the splicer performs reliably even in extreme conditions like plateaus, deserts, and cold regions.



## USER-CENTRIC DESIGN

5-inch high-resolution screen for clear viewing, adjustable screen brightness for outdoor operation, and unique lighting design for night-time tasks.

# CORE PARTS QUALITY ASSURANCE



SIEMENS STEPPER MOTOR



ROTH ROUST LINEAR GUIDE



SANYO LITHIUM BATTERY



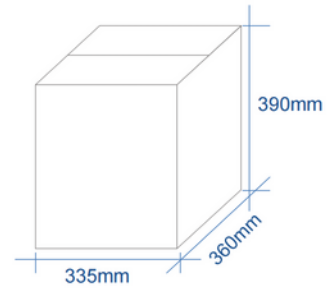
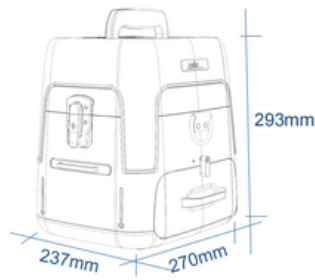
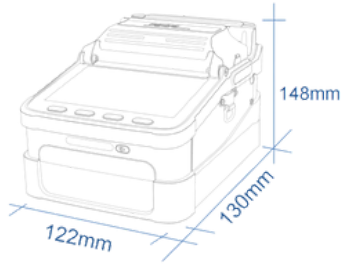
AVIATION METAL MATERIAL

# PARAMETER



Fiber alignment	Core/cladding alignment /Manual alignment	Buit-in lighting	easy for night operation
Spl icing 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 Xor 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
Spl ice Loss	0.025dB(SM)、0.01dB(MM)0.04dB(DS/NZD S)	Splicing method	Fully automatic、 Step by step splicing
Control technologM	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 s 3.5 hours, continuous splicing and heating about 200 times
Fi ber diameter	Cladding Diameter:80-150μm Coating Diameter:100-1000μm	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 Cleave lenoth	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:s15m/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
Visual Fault Locator	Power:15mw,2hzflashing And Constantly Bright Mode	Optical Power Meter	Wavelength:850nm、 1300nm、 1310nm,1490nm,1550nm、 1625nm Measuring Range:-70~+6db

# SIZE



# CABLE LENGTH TOLERANCES



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

Elfcam has made all efforts to ensure the accuracy of the information, but all information in this document does not constitute any kind of warranty.



No. 1 supplier of fiber optic materials



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