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**New  
PRODUCT**

# OPTICAL FIBER FUSION SPLICER

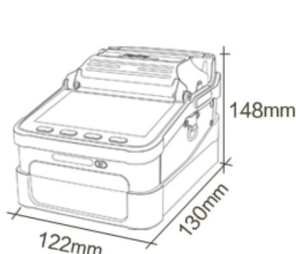
Six motors Core alignment  
6 seconds splicing  
15 seconds heating Auto focus



AI-8

AI-7

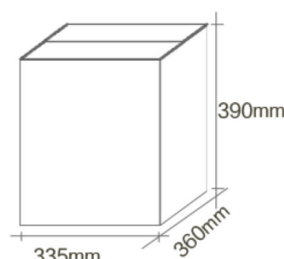
## BASIC PARAMETER



**Machine weight**  
2.08kg (with battery)  
1.60kg (without battery)



**Toolbox weight**  
7.1kg (including machine  
and accessories)



**Total weight**  
8.4kg

Applicable Fibers	SM(G.652&G.657)、MM ( G.651 ) 、DS(G.657)、NZDS ( G.655 )	Tension Test	Standard 2N
Splice Loss	0.025dB ( SM ) 、 0.01dB ( MM ) 0.04dB ( DS/NZDS )	Fiber holders	Multi function holders , Applicable for SM, MM, bare fiber, pigtail, rubber-insulated, multi fiber cable
Focus mode	Auto focus	Magnification	300 for X or Y view, 150 for X or Y view
Fiber alignment	Core/cladding alignment Manual alignment	Screen	5.1 inch TFT color display
Typical splicing time	6S ( AI-8 ) / 8S ( AI-7 )	Software upgrade	Mobile APP update,Turn on Bluetooth sync to the machine
Typical heating time	15 S ( AI-8 ) / 18 S ( AI-7 ) Fast heating function, heating time can be set	Splicing Mode	Normal / high precision 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 200 times
Fiber 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 Length	Coating less than 250μm : 8-16mmCoating less m250-1000μm:16mm	Operating Conditions	Temperature -15 ~ +50 °C, humidity: <95% RH (no condensation),Working altitude: 0 ~ 5000m. Resist max. wind speed: ≤ 15m / s
Heat shrinkable tube	60mm、40mm	Built-in lighting	easy for night operation