

OPTICAL FIBER FUSION SPLICER

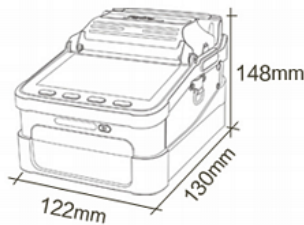
Six motors Core alignment
6 seconds splicing
15 seconds heating Auto focus



AI-8

AI-7

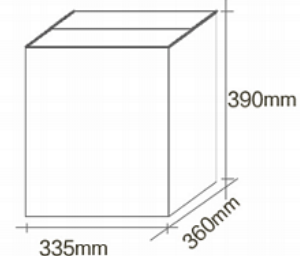
BASIC PARAMETER



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
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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