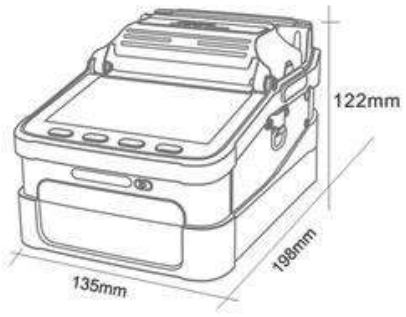
Optical Fiber Fusion Splicer AI-9

- Six motors.
- Core alignment
- 5 seconds fast splicing
- 15 seconds fast heating
- Built-in Power Meter and VFL
- Anti-theft lock
- Remote control



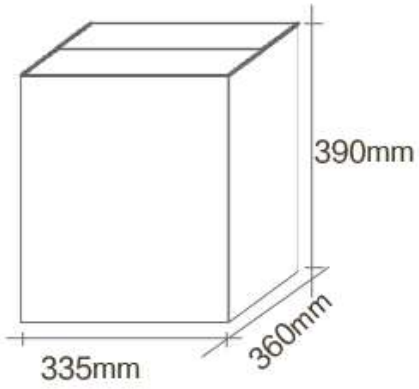
Machine weight

2.08kg (with battery)

1.60kg (without battery)

Toolbox weight

7.1kg (including machine and accessories)



Total weight

8.4kg

Technical Especifications

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	5S(AI-9) / 6S(AI-8C) / 6S(AI-7V) / 8S(AI-7C)	Software upgrade	Mobile APP update,Turn on Bluetooth sync to the machine
Typical heating time	15S (AI-9) / 15 S (AI-8C) / 15 S (AI-7V) / 18 S (AI-7C)	Splicing Mode	Normal / high precision splicing
	Fast heating function, heating time can be set	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 ≥ 3.5 hours, continuous splicing and heating about 240 times
Return loss	Better than 60DB	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 diameter	Cladding Diameter 80-150μm,Coating Diameter 100-1000μm	Operating Conditions	Temperature -15 ~ +50 ℃, humidity: <95% RH (no condensation),Working altitude: 0 ～ 5000m. Resist max. wind speed: ≤ 15m / s
Fiber Cleave Length	Coating less than 250μm ： 8-16mmCoating less m250-1000μm:16mm	lighting	External
Heat shrinkable tube	60mm, 40mm	Optical Power Meter(AI-9)	Wavelength: 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm
Visual Fault Locator(AI-9)	Power:15mw,2hzflashing And Constantly Bright Mode		Measuring Range:-70 ~ +6db Absolute Error:<0.3db(-50dbm ~ +3dbm Range)