

# BASIC PARAMETER



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



Toolbox weight  
4.7kg (including machine  
and accessories)



Total weight  
5.5kg

Fiber alignment	Core/cladding alignment / Manual alignment
Splicing time	8S
Heating time	18S
Heating mode	Automatic heating ( Preheating )
Focus mode	Six motors Auto focus
Applicable Fibers	SM(G.652&G.657)、MM ( G.651 ) 、 DS(G.657)、 NZDS ( G.655 )
Splice Loss	0.025dB ( SM ) 、 0.01dB ( MM ) 0.04dB ( DS/NZDS )
Control technology	Real-time control and calibration of fusion ARC
Return loss	Better than 60DB
Fiber diameter	Cladding Diameter: 80–150 μ m Coating Diameter: 100–1000 μ m
Fiber Cleave Length	Coating less than 250μm: 8–16mm Coating less than 250–1000μm:16mm
Built-in lighting	easy for night operation
Tension Test	Standard 2N
Fiber holders	3 in 1 fiber holder, SM, MM, bare fiber, pigtail, rubber-insulated, multi fiber cable
Magnification	300 for X or Y view, 150 for X or Y view
Screen	5 inch TFT color display
Splicing Mode	Normal / high precision splicing
Splicing record storage	Synchronize to the phone, the server to cloud storage unlimited
Built-in battery	5200 mA high-capacity lithium battery, charging time ≤ 3.5 hours, continuous splicing and heating about 160 times
Power supply	Input AC100–240V 50 / 60HZ, output DC13.5V / 4A, the current power mode can be identified, real-time detection of battery power
Operating Conditions	Temperature -15 ~ +50 °C, humidity: <95% RH (no condensation) Working altitude: 0 ~ 5000m. Resist max. wind speed: ≤ 15m / s
Shrinkable tube	60mm、40mm