

Basic Parameter

Fiber alignment	Core/cladding
Motor number	6 motors
Splicing time	6s
Heating mode	15s, can be customized according to the external environment
Fiber type	Single-mode fiber (SMF/G.652), BIF/G.657); Suitable for single mode, multi-mode, bare fiber, tail fiber, drop cable, jumper, invisible optical fiber.
The cladding diameter	80-150 μ m
Splicing loss	0.02dB (SM) 、 0.01dB (MM) 0.04dB (DS/NZDS)
Splicing mode	Automatic focusing core alignment, conventional/high precision splicing
Splicing way	Automatic, semi-automatic,manually
Fiber cleaver	Equipped with electric high-precision cleaver
Visual Fault Locator	Power:15mw,2hzflashing And Constantly Bright Mode
Optical Power Meter	Wavelength:850nm、 1300nm、 1310nm、 1490nm、 1550nm、 1625nm Measuring Range:-50+30dbm Absolute Error:<0.3db(-50dbm ~ +3dbm Range)
Fiber holder	Three in one fixture, no need to change, suitable for single/multi-mode, multi-core cable/bare fiber, tail fiber, jumper, leather cable
Battery capacity	7800mAh large capacity lithium battery charging time \leq 3.5 hours; It can continuously weld and heat about 240 cores
Magnification	320x (X or Y axis single display), 200x (x and Y axis dual display)
Fiber diameter	Coating diameter: 80-150 μ m/Coating diameter: 100-1000 μ m
Cutting length	Coating layer 250 μ m below: 8-16mm/coating layer 250-1000 μ m: 16mm
Heat shrink tube	60mm、 50mm、 40mm、 25mm
Tensile testing	standard 2N
display	5 inch TFT color display screen
Boot time	1s, boot can enter the working mode
Data is stored	Unlimited, machine storage 1000 groups, the excess part can be stored in the server, can export data.
Wireless communication	Based on bluetooth 4.2 protocol standard, the working band is 2.4GHz, the maximum transmission range is 60m
Software upgrade	Mobile phone APP Internet update, enable Bluetooth synchronization upgrade machine software
Management function	The equipment owner can be bound as the highest authority, and can remotely view the welding records, welding time, loss, etc. through the mobile phone APP. The number of welding times or working time of the equipment can be set. The manager can effectively manage a single or multiple equipment.
Return loss	Better than 60 db
Product protection	Waterproof, dustproof and fall proof
Power supply	Input AC100-240V 50/60Hz, output DC13.5V/4.8A, the current power mode can be identified, real-time monitoring of the current battery level
The work environment	Temperature: -15 ~ +50 $^{\circ}$ C, humidity: < 95%RH (no condensation), working altitude: 0 ~ 5000m, maximum wind speed: \leq 15m/s