

Product Information

Project	Technical Parameters
Applicable Optical Fiber Types	SM(Single mode), MM(Multi-mode), DS(Dispersion shift), NZDS (Non zero dispersion shift)
Applicable Optical Fiber Core Number	Single core
Applicable Optical Fiber Diameter	Cladding diameter: 125μm, Coating diameter: 100~1000μm
Fusion splice Model	Pre-stored:40 groups, User define: 80 group
Average Fusion Splice Loss	0.03dB(SM) , 0.02dB(MM) , 0.05dB(DS) , 0.05dB(NZDS)
Echo Loss	Better than 60dB
Heat shrinkable heating time	V-Groove 14 sec heat shrink
Fusion splice Duration Time	11sec(typical parameter)/8sec(fast mode)
Loss Estimation of Fusion Splice	Exist
Tension Test	>1.96N (optional)
Monitor	5 inches colored LCD, support Chinese, English, Spanish, Russian, French, Portuguese, display
Optical Fiber Magnification Times	X/Y:200X/Y:200 Times , X or Y:400 Times
Power Supply	11.1V Lithium battery, 13.5V/5A power adapter
Battery	Typically work more than 200 times(Fusion splicing / Heating) , Single battery charge 3Hours,can be recycled 500 times,5200HA Lithium battery
Splice Results Storage	10,000 groups of welding record storage
Operating Environment	Altitude: 0~5000m, Relative humidity:0~95%(No condensation), Temperature:-20°C~55°C, Maximum wind speed:15m/s
Storage Environment	Relative humidity:0~95%(No condensation), Temperature:-40°C~80°C (Except Battery), Temperature:-10°C~40°C (Battery)
Weight of the Equipment	1.56KG (No battery),1.81KG(Include Battery)
Size	158×138W×138H(mm)
Environmental Monitoring	Prompt user automatically to do calibration and arc correction when monitoring change of temperature, humidity and altitude
Safety protection	Electrical system protection program: the lithium battery is featured with fire ,explosion and high temperature proof, the circuit board can prevent circuit over current and over voltage
Quality Record	It Can detect and record the fiber angle,verticality and the angle between the fibers
Forced Welding	It can be forced welding according to the users needs.
Night work lighting	LED Double white light
Applicable heat shrink tubing diameter	2mm,3mm,4mm,6mm
Applicable heat shrink tubing length	40mm , 45mm , 60mm
Heating temperature	Below 240°C
Heating method	Two ways: automatic lid and manual key heating (optional)
Through light welding	Can be operated under red light welding
Drop	1 meter height free drop can be measured
Environmental protection	Low power standby, automatic screen saver
Intelligent control	Heat shrink temperature control adaptive function
Efficient and safe	Perfect software protection,Dual CPU control,Special fireproof material

★ No further notification for any change of model and technical parameters



8s Fast splicing

Super fast welding time



14s V-Groove Fast Heating

Ultra-fast heat shrink time



Universal Fiber Holder

For a variety of fiber types

5 inches colored LCD

LCD large HD display



Waterproof



Dustproof



Crashproof



Anti-drop

