



S-27LDF

ARC Fusion Splicer

Specially for *Large Diameter Fibers*

YOUR FUSION SPLICER EXPERT

10+

models
splicers

15+

years technical
experience

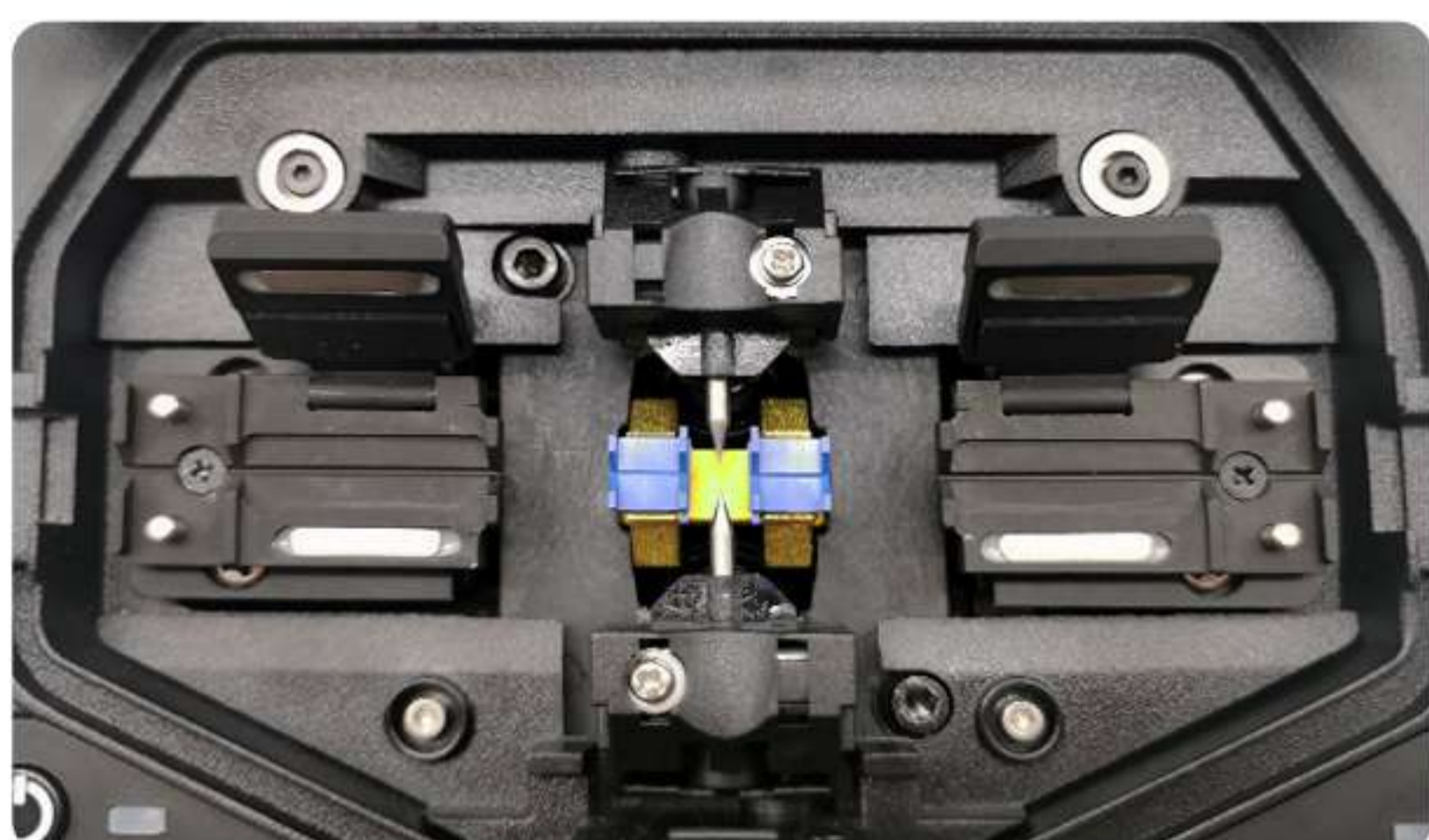
50+

countries
selling



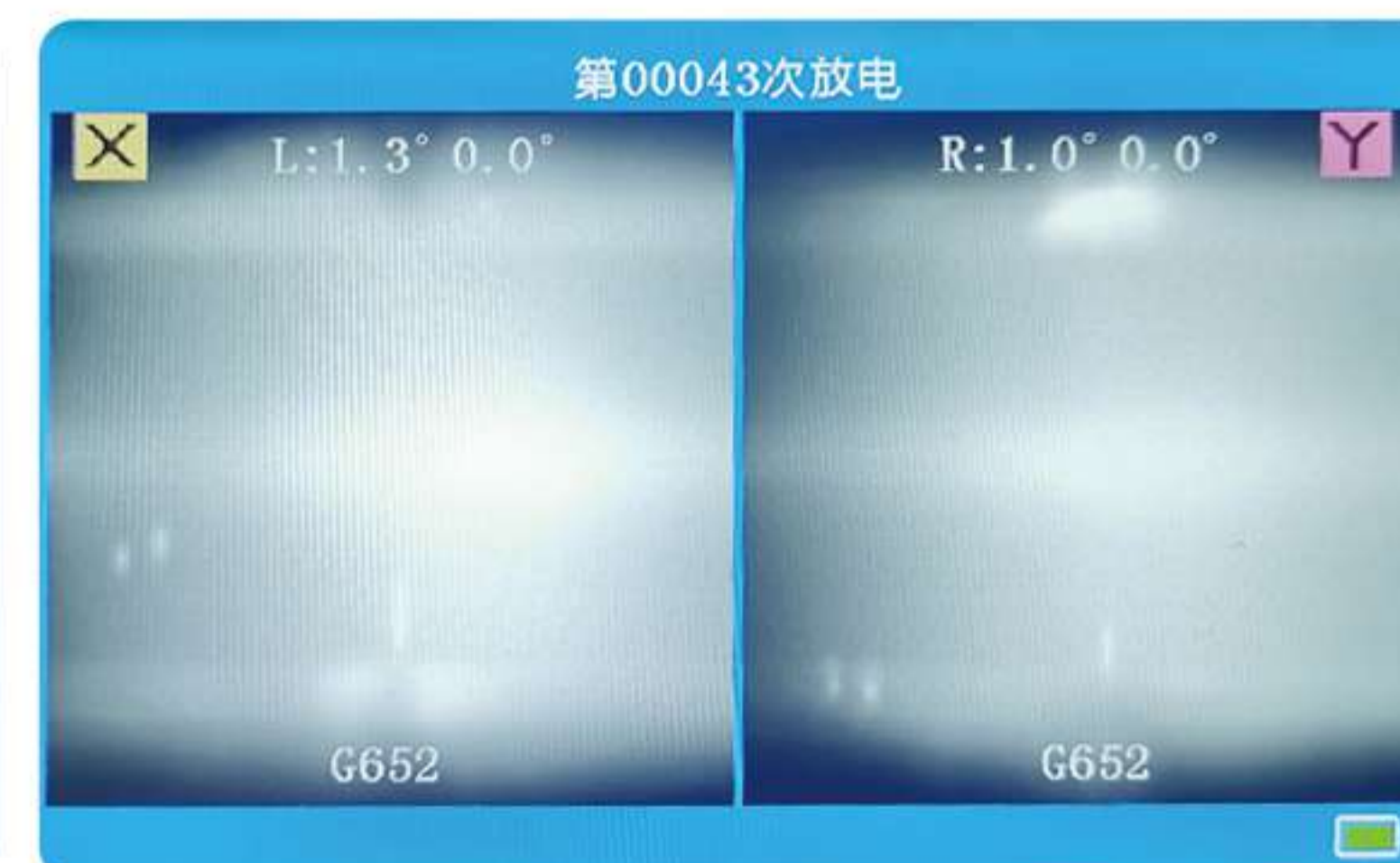
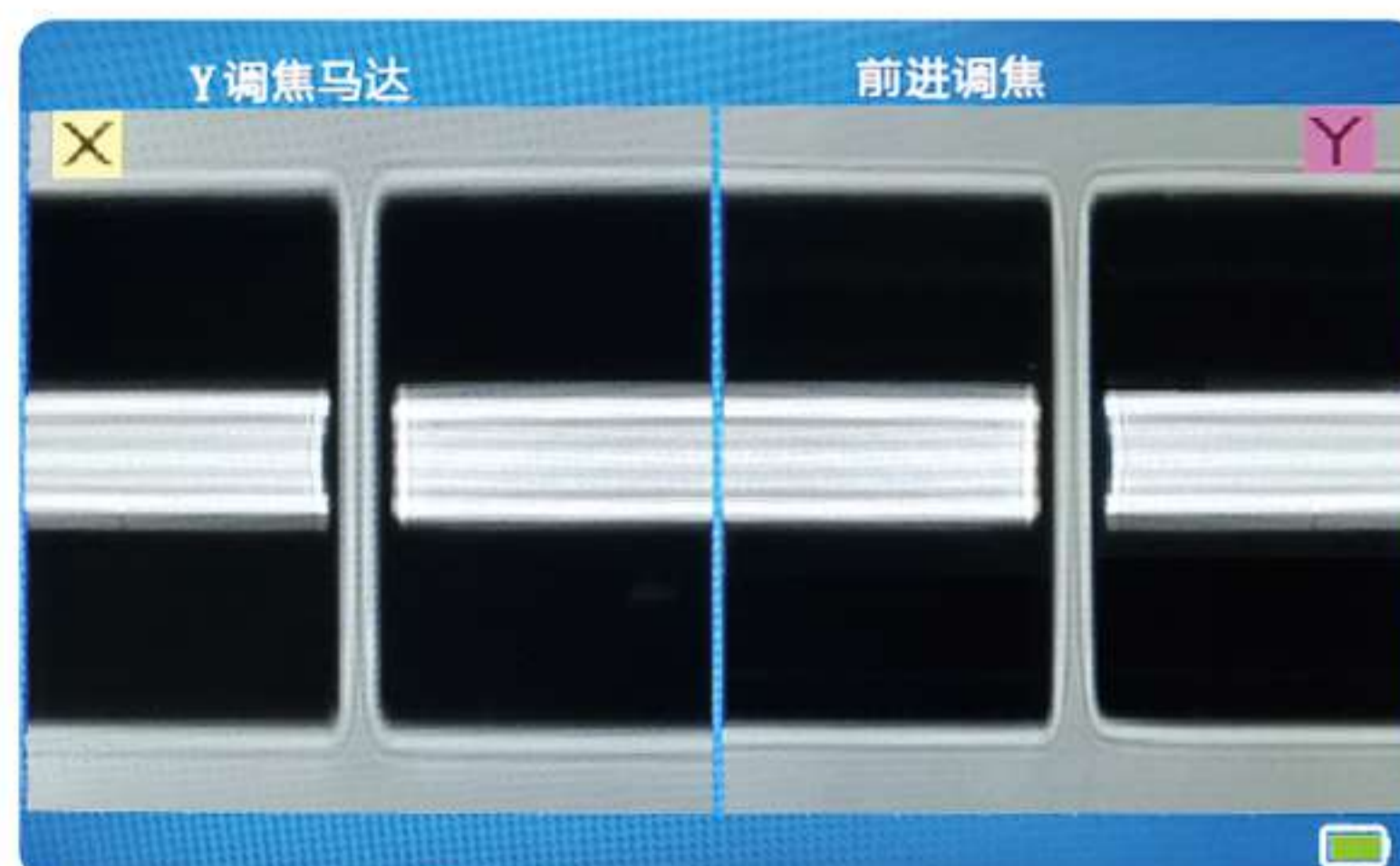
Precise structure design

Accurate fiber alignment, fusion loss reaches international standard.



Real time ARC calibration technology

Real time ARC calibration based on fiber types and fiber images, more stable splicing performance.



Waterproof, dustproof and anti-shock

Suitable for various indoor and outdoor environment.



Waterproof

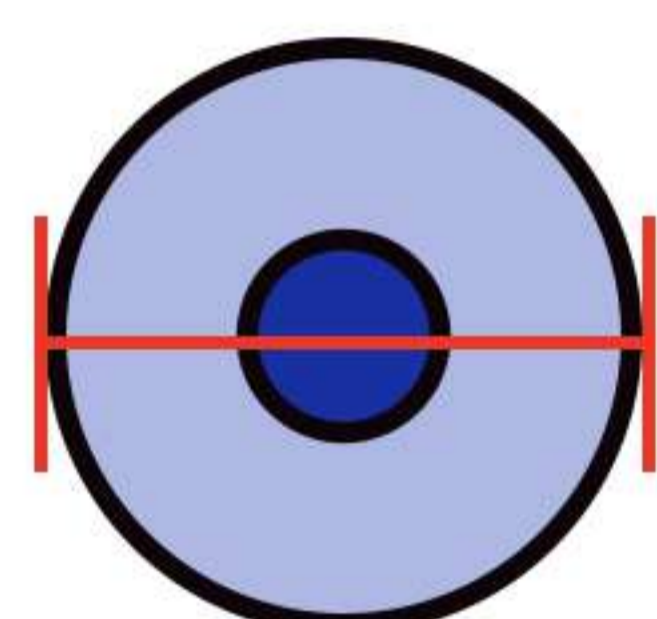


Dustproof

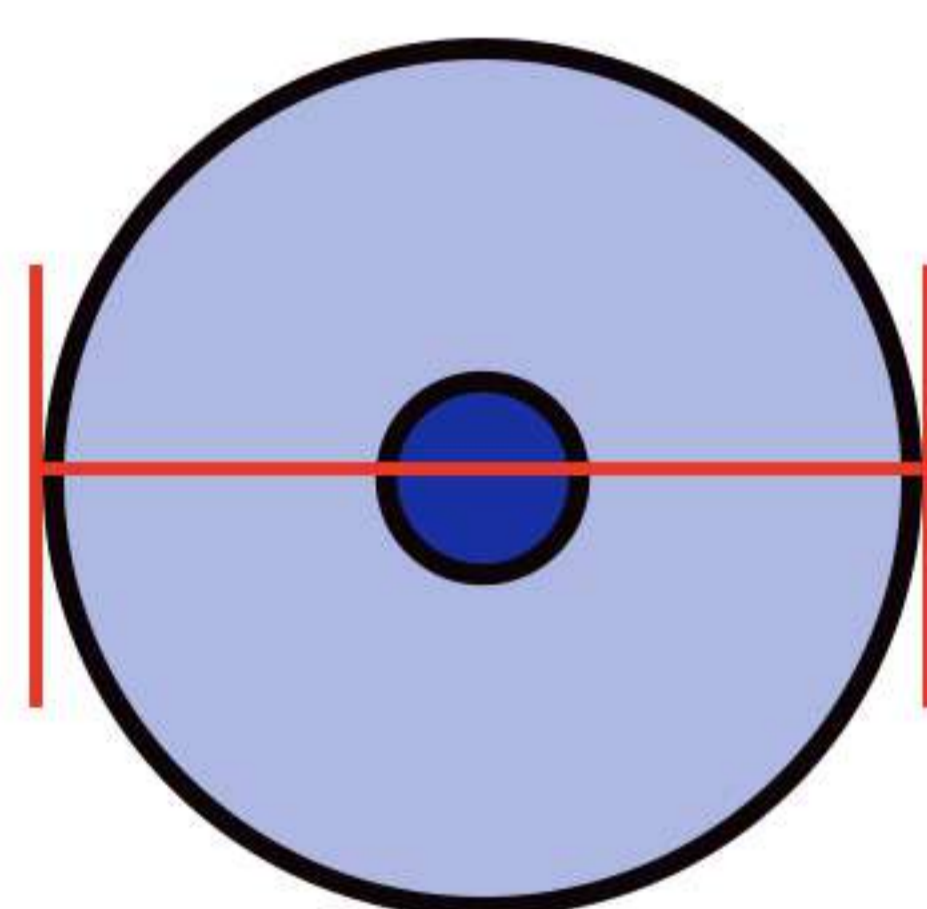


Anti-shock

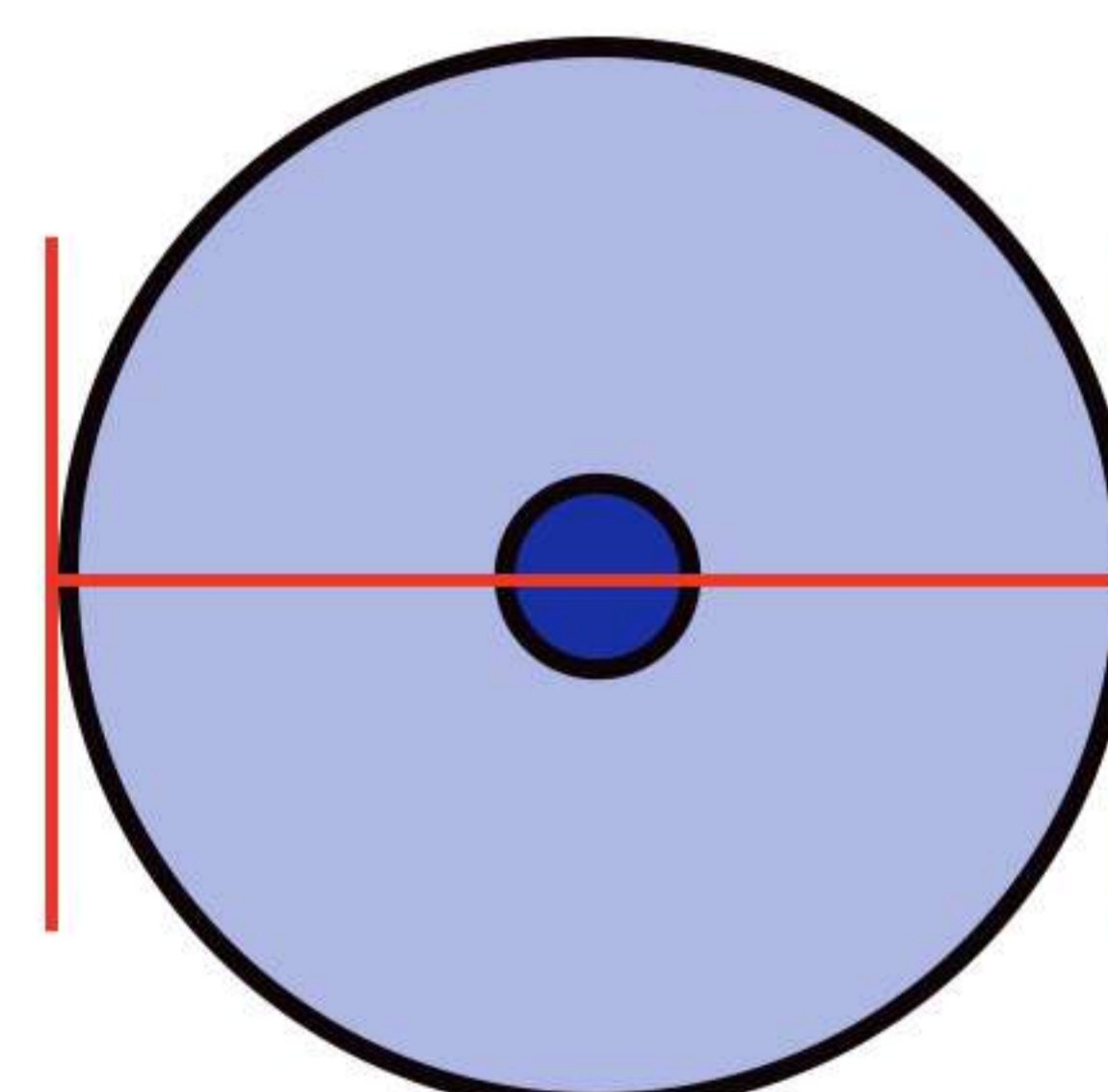
Apply to 125~400um cladding diameter fibers splicing



125um



250um




400um

User friendly engineering design


Proper size suitable for all current using scenarios, easy to operate and maintain.




Specifications		
Model No.	S-27-250	S-27-400
Alignment method	Clad to clad	
Applicable fiber	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655)	
Cladding diameter	125~250um	400um
Coating diameter	250~1000um	
Cleaved length	10 ~ 16mm	
Return loss	> 60dB	
Typical splice loss	SM: 0.02dB; MM: 0.01dB; DS: 0.04dB; NZDS: 0.04dB	
Typical splice time	14 seconds	
Tension test	1.8 ~ 2.2N	
Operation mode	Manual/ Automatic	
Heat mode	Manual/ Automatic	
Typical heating time	24 seconds for 60mm/40mm heating tube	
Fiber magnification	X or Y single fiber image 120X, X and Y double image 60X	
Viewing display	Dual high sensitivity camera, 5 inch 800*480 LCD Monitor	
Electrode life	> 3000 times discharge (125um), > 1000 times discharge (> 125um)	
Splicing program	40 groups	
Data storage	4000 groups data records and 100 group images	
Interface	GUI menu interface, easy for operation	
Power supply	5200mAh Li-battery, 150 cycles splicing and heating	Adaptor, input: AC100-240V(50 / 60HZ), output: DC11-13.5V
Terminals	Micro-USB 2.0 port, for software upgrading, records exporting	
Operating condition	Altitude: 0-5000m, Humidity: 0-95%, Temperature: -10℃ ~ +50℃, Wind: max 15m/s	
Dimension/Weight	155 (L)*144 (W)*155(H)mm / 2.3Kg (with battery) 2.0Kg (Without battery)	



Fusion splicer




Carrying box




AC adapter




Cooling tray




Spare electrodes




Strap



USB user manual



Power plug



Alcohol bottle