

X-80E Multi-function Trunk Fusion Splicer



6 Motors Core to Core Alignment

- ※ 6 motors accurate core to core alignment
- ※ 6 seconds splicing & 18 seconds heating
- ※ Automatic & real-time ARC calibration
- ※ Industrial quad-core CPU, faster & more stable
- ※ Real-time heating temperature monitoring
- ※ Anti-shock, anti vibration, dust-proof & water proof
- ※ Apply to 250um/0.9mm/2.0mm/3.0mm fibers etc.

Specifications

Alignment Method	6 motors core to core alignment
Applicable Fiber	G651/G652/G653/G654/G655/G657 etc.
Cladding Diameter	80~150μm
Coating Diameter	160~3000μm
Cleaved Length	10~16mm(coating diameter<250μm), 16mm(coating diameter: 250~1000μm)
Typical Splice Loss	G651: 0.01dB; G652: 0.02dB; G653: 0.04dB; G654: 0.04dB; G.655:0.04dB; G657:0.02dB
Return Loss	>60dB
Splicing Program	100 modes
Operation Mode	Manual/Auto
Auto-Heating	Available
Splicing Time	6-12 seconds
Heating Time	18~26 seconds for 60mm and 40mm shrinkable sleeves
Fiber Magnification	320X(X or Y view), 160X(X and Y view)
Viewing Display	Dual high sensitivity camera, 4.3 inch LCD Monitor ,touch screen optional
Data Storage	10000 groups fusion records
Loss Evaluation	Available
Tension Test	1.8~2.25N
Interface	GUI menu interface, easy for operation
Battery Capacity	5200mAh Li-battery, 250 cycles splicing and heating
Power Supply	Adapter, input: AC100~240V(50/60Hz), output: DC11~13.5V
Electrode Life	4000 ARC discharges, easy to replace
Terminal	USB 2.0 port, for software upgrading and records exporting
Operating Condition	Altitude: 0~5000m; Humidity: 0~95%; Temperature: -10°C~+50°C; Max wind: 15m/s
Dimension/Weight	165mm(L)×135mm(W)×140mm(H)(including rubber bumper)/2.2kg(with battery)

Package



Fusion Splicer



Fiber Cleaver



Drop Cable Stripper



Fiber Stripper



Power Plug



Power Adapter



Strap



Spare Electrodes



User Manual



Cooling Tray



Cleaning Brush



Carrying Case