

# 6MOTOR CORE TO CORE ALIGNMENT



## Features:

- **6 motors accurate core to core alignment**
- Identify fiber types(SM/MM) automatically
- **6 seconds splicing & 18 seconds heating**
- Automatic & real-time ARC calibration
- Industrial **quad-core CPU with 30% power saving**
- Real-time heating temperature monitoring
- **Anti-shock, anti vibration, dustproof & waterproof**
- Apply to 250um/0.9mm/2.0mm/3.0mm fibers
- **Temperature range of -10 °C ~ +50 °C**

**WATER PROOF | DUST PROOF | SHOCK PROOF | VIBRATION PROOF**

## More Info



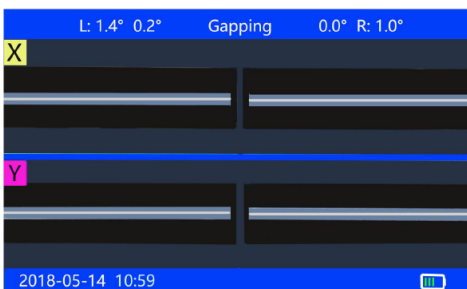
**Precise structural design  
Core to core alignment**



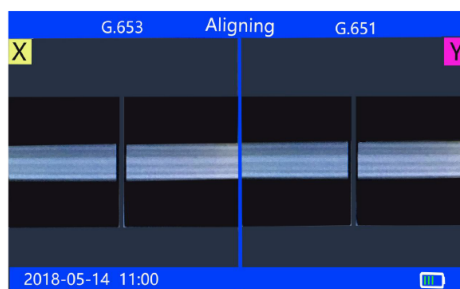
**Inductive automatic heater  
Fast heating**



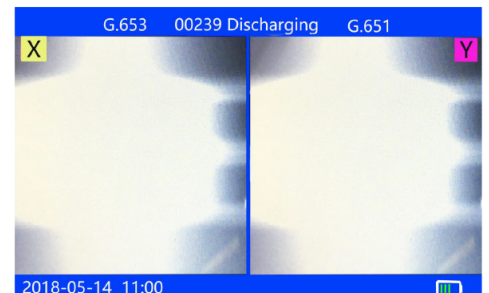
**Anti-shock, dust-proof and  
water-proof**



**Clear fiber image and fast  
fiber gapping**



**Identify fiber types  
automatically**



**Stable splicing and low  
splicing loss**



# Specifications

|                      |   |
|----------------------|---|
| Alignment method     | 6 motors core to core alignment   |
| Applicable fiber     | SM(G.652) , MM(G.651) , DS(G.653) , NZDS(G.655)                             |
| Cladding diameter    | 80 -150μm   |
| Coating diameter     | 160–1000μm  |
| Cleaved length       | 5-16mm ( coating diameter < 250um), 16mm (coating diameter:250-1000um)      |
| Typical splice loss  | SM: 0.02dB ; MM: 0.01dB ; DS: 0.04dB ; NZDS: 0.04dB                         |
| Return loss          | > 60dB  |
| Splicing program     | 40 groups   |
| Operation mode       | Manual/ Automatic   |
| Auto- heating        | Available   |
| Typical splice time  | 6 seconds   |
| Typical heating time | 18 seconds for 60mm and 40mm shrinkable sleeves                             |
| Fiber magnification  | 250X(X or Y view), 125X(X and Y view)                                       |
| Viewing display      | Dual high sensitivity camera, 5 inch 800*480 LCD Monitor                    |
| Data storage         | 4000 groups data records  |
| Loss evaluation      | Available   |
| Tension test         | 1.8 ~ 2.25N   |
| Interface            | GUI menu interface, easy for operation                                      |
| Battery capacity     | 5200mAh Li-battery, 300 cycles splicing and heating                         |
| Power supply         | Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V                      |
| Electrode life       | More than 4000 ARC discharges, easy to replace                              |
| Terminals            | USB 2.0 port, for software upgrading, records exporting                     |
| Operating            | Altitude:0-5000m,Humidity:0-95%,Temperature:-10 °C ~ +50 °C ;Wind:max 15m/s |
| Dimension/Weight     | 156mm (L)×141mm (W)×156mm (H) /2.45kg (incuding battery)                    |

## Package Includes



Fusion splicer



Fiber cleaver



Fiber stripper



Cooling tray



Spare electrodes



Drop cable stripper



Carrying box



Power adapter



Power plug



User manual



Strap



Alcohol pump

