6 Motor 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
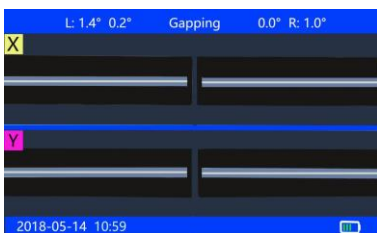
※ Apply to 250um/0.9mm/2.0mm/3.0mm fibers

MORE INFO

Precise structural design
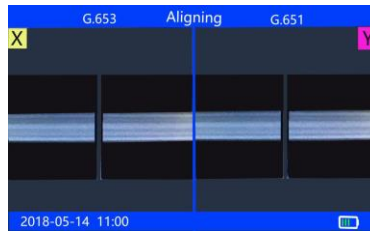**Core to core alignment**
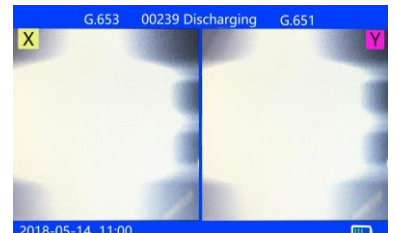
Inductive automatic heater
Fast heating

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 inches 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%, Temp: -25℃ ～ +50℃ ; Wind: Max 15m/s
Dimension/Weight	156mm (L)×141mm (W)×156mm (H) /2.45kg (including battery)

PACKAGE

Fusion splicer   Fiber cleaver   Fiber stripper   Cooling tray   Spare electrodes   Cleaning tools

Carrying box   Power adapter   Power plug   User manual   Strap   Alcohol pump