ST3100A 6 Motors Fusion Splicer

Features

*6 motors accurate core to core alignment
*Automatic fiber type identification
*6s stable splicing & 16s fast heating
*Automatic & real-time ARC calibration
*Upgraded CPU with 30% power saving
*Real-time heating temperature monitoring
*Anti-shock, Anti-dust and waterproof
*Apply to bare fiber, patch cord, drop cable etc
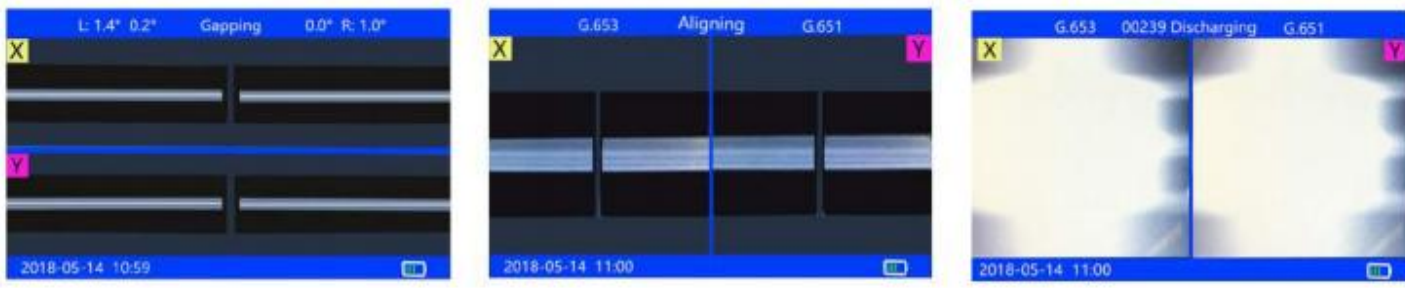
Details Display

6 motors core alignment
Precise holder&V groove design

Automatic inductive heater
Not heating without fiber

Anti-dust & waterproof buttons
Abrasion-resistant coating

Splicing Display

Fast gapping

Identifying fiber type automatically

Stable splicing

Specifications

Applicable fiber	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655), others(including G.657)
Applicable fiber	SM(ITU-T G.652),MM(ITU-T G.651),DS(ITU-T G.653),NZDS(ITU-T G.655)
Diameter of cladding	80 -150μm
Diameter of coating	160 – 900μm
Typical splice loss	SM:0.02dB, MM:0.01dB, DS:0.04dB, NZDS:0.04dB
Return loss	>60db
Fiber cleaved length	10-16mm (coating diameter< 250μm), 16mm(coating diameter: 250-1000μm)
Splicing program	40 groups
Operate mode	Manual, Automatic
Auto-heating	Available
Typical splicing time	6 seconds
Tube heating time	16 seconds for 60mm and 40mm shrinkable sleeves
Fiber view magnification	250X(X or Y view), 125X(X and Y view)
Viewing method and display	2 CMOS cameras, 5.0 inch color LCD monitor
Storage of splice result	4000 results
Loss evaluation	Available
Tension test	1.8-2.2N
Interface	GUI menu interface, easier operation
Battery capacity	5200mAh Li-battery, typical 250 cycles(splicing and heating),support independent charging
Power supply	Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V
Electrode life	More than 4000 ARC discharges, can be replaced conveniently
Terminals	USB 2.0 port, for uploading splice results and upgrading software
Operating condition	Altitude: 0-5000m, Humidity: 0-95%, Temperature: -25℃～+50℃;Wind speed: max 15m/s
Dimension	160mm(L)x136mm(W)x140mm(H)
Weight	2.2kg including battery

Standard Package

1. Carrying Box
2. Fiber Stripper
3. Cooling Tray
4. Spare Electrodes
5. Fiber Cleaver
6. Adapter
7. Strap
8. Drop Cable Stripper
9. Power Cord
10. Operation Manual

DIREKTRONIK
Dataprodukter utöver det vanliga