

## Splicing Machine

3C splicing machines adopt high-speed image processing technology and special precision positioning technology, automatically finish the whole process of fiber fusion in less than 8 seconds typically, digital LCD monitor displays all steps of fiber fusion clear at a glance.

### Features

- Compact & Lightweight
- Fully Automated Operation
- 5000m altitude ensures Splice Quality
- Systemtest ensures the best working condition
- Color LCD monitor
- Pause function, convenient for scientific research
- Store 8000 groups of splice results
- USB&DC interface
- High battery capacity, up to 200 times of continuous splice and heat.

### Technical Specifications

Parameter	Value
Fiber Diameter	Cladding Diameter: 80-150 um; Coating Diameter: 100~1000 um
Applicable fibers	SM, MM, DS, NZDS, G655,G657 and others
Splice loss	0.01dB(MM) , 0.02dB(SM) , 0.05dB(DS/NZDS/G.655/G.657)
Return loss	60dB
Tension test	2.0N
Protection sleeve length	25mm , 40mm , 50mm
Tube-heat Time	35S
Splicing program	Automatic Setting
Alignment	Core Alignment(PAS Technology)
Splicing method	Arc splicing
Fiber Holder	Replaceable and Suitable for the Splice of bare fiber ,pigtail ,patch cord, optical fiber drop cable and SC,FC,LC connector
Display	Color3.5 Inch TFT
Interface	USB, suitable for data download and software update
Splice Memory	10000
Electrode Span	At least 5000 times
Window Protection	Max. wind velocity of 15m/s
Power Supply	Internal Li-Battery, DC adaptor
DC output	12V/2A Power for external heater, light or hot jacket stripper

Parameter	Value
Battery Capacity	More than 150 times of continuous splices and heats
Dimension	122mm -L , *122mm-W, *130mm-H
Weight	2.0KG(Include battery)

### Ordering Information

Part Code	Description
3C-OFS-108	Splicing Machine

Standard Package of Splicing machine provided with

- Main body
- Fiber Stripper
- Charger
- Electrode
- Cooling Tray
- Manual
- Carry Case
- Fiber Cleaver
- SOC Fiber Holder

