

DATASHEET

Fiber Fusion Splicer

Easily and efficiently Splice Fiber&Cable and Fusion-On Connector

High Precision Fiber Fusion Splicer-OMCFS-X900



RoHS



OMC INDUSTRY CO.LIMITED



High Precision Fiber Fusion Splicer-OMCFS-X900

Product Introduction

OMCFS-X900 Fiber Fusion Splicer, with high performance price ratio, is the main product of OMC Company. With SAMLL& smart appearance, reliable quality, OMCFS-X900 is a special design for the installation, operation and maintenance of optical fiber specially design a precision, durable, convenient optical fiber construction instrument. Widely used in the construction, inspection, maintenance of FTTX project.



Features

- *6 motors accurate core to core alignment
- *Automatic fiber type identification
- *6s stable splicing & 16s fast heating
- *Automatic & real-time ARC calibration
- *Bluetooth remote assistance system
- *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

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
Available language	English, Russian,Spanish,Portuguese,Italian,French,German
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	156mm(L)*141 mm(W)*156mm(H)
Weight	2.2kg including battery



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Product Details



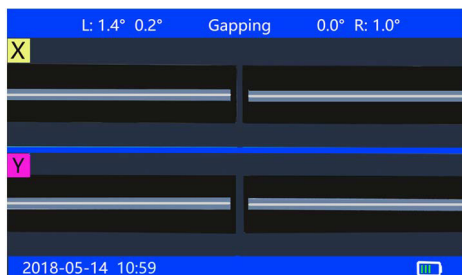
6 motors core alignment
Precise holder & V groove design



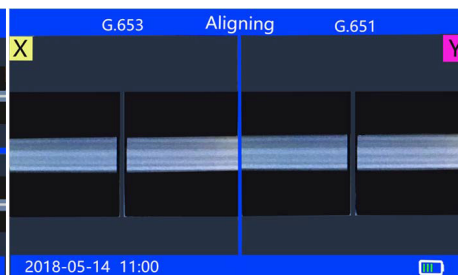
Automatic inductive heater
Not heating without fiber



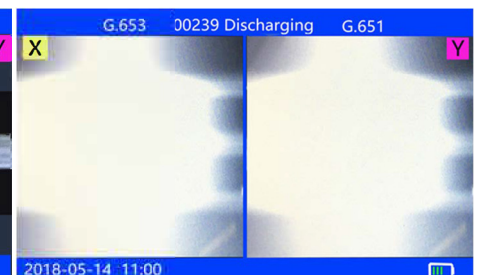
Anti-dust & waterproof buttons
Abrasion-resistant coating



Fast gapping



Identifying fiber type automatically

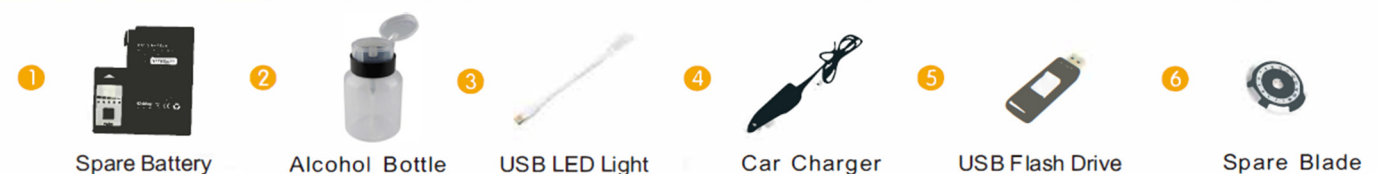


Stable splicing

Standard Accessories



Optional Accessories



Guarantee

- 1) Lifelong technical support. Any problem during using, we will offer guidance to solve the problem.
- 2) Quick feedback. Usually customers can get our reply within 1 hour, latest will be not over 10 hours.
- 3) 24 months warranty period. Within warranty period, all repair and replacement of Non-human damage are for free.
- 4) Reasonable cost for repair & replacement. According to our experience, most problems could be solved by machine menu operation via our remote guidance, do not need repairing or replacement.