

## OFS-60 Optical Fiber Fusion Splicer

ShinewayTech® OFS-60 series adopt high-speed image processing technology and special precision-positioning technology, automatically finish the whole process of fiber fusion in 11 seconds typically, LCD monitor displays all steps of fiber fusion clear at a glance. Furthermore, OFS-60 has built-in Heater for combination use with Heat Shrink Protection Sleeve. Widely used for SM and MM Quartz Fiber with diameter 125μm, coating layer diameter 0.2~1.5mm and bare fiber length 16mm more or less

OFS-60 is your ideal fusion splicer for optical network construction and maintenance in both field and laboratory applications.

- ◆ 5" Turn-over TFT LCD screen for clear display
- ◆ Both X and Y axis display
- ◆ Fiber core can be display clearly
- ◆ Inner light to set fiber in dark environment
- ◆ Auto check fiber end-face
- ◆ Auto check programs standard of Manufactory
- ◆ Auto calculate splicing loss
- ◆ Auto select suitable fusion program
- ◆ Safe Arc
- ◆ 11seconds splice time and 30seconds heat time
- ◆ Portable design for field and Laboratory
- ◆ Simple Operation menu
- ◆ Concave weatherproof cover & Max. wind velocity of 15m/s
- ◆ Built-in keyboard



## Specifications

Model	OFS-60
Applicable Fibers	SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZDS (ITU-T G.655)
Fiber Cleaved Length	8~16mm (Coating diameter: 250μm) 16mm (Coating diameter: 250 ~ 1000μm)
Cladding Diameter	80 ~150μm
Coating Diameter	100~ 1000μm
Fiber Count	Single
Fiber Aligning Mode	Automatic Mode, Manual Mode
Fiber Aligning Method	Auto core aligning
Return Loss	60dB
Actual Average Splice Loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)
Splicing Mode	12 (Template), 188(User-defined)
Fiber Fusion type	Electrodes Type
Splicing Time	Typical 11 sec, with standard SM fiber
Protection Sleeve Length	60mm, 40mm and a series of micro sleeves
Storage Of Splice Result	2000 results
Tension Test	2N
Fiber Display/ Magnification	400X(X or Y view), 200X(X and Y view)
Tube Heating Mode	Heating time adjustable: 1 – 60 sec
Tube Heating Time	Typical 60 sec. with standard 60mm protection sleeve
Electrode Life	2500 times
Splicing/Heating Times	Typical 130 cycles (splicing/tube heat) with Li-battery only
Display	5 inch TFT color turn-over LCD monitor
Connectivity	RS-232
Operating Condition	0 ~ 5000m above sea level; 0~95% RH; -10~50℃; Max. wind velocity of 15m/s
Power Supply	AC adapter (Input :220V,50/60Hz,Output :12VDC); Li-battery; Voltage car battery (cigarette socket)
Weight	3.52 Kg (including battery)
Dimensions (H×W×T)	150x150x160mm

\* Specifications subject to change without notice

### Ordering Information

#### Standard Package Includes:

Instrument, Power supply module, AC power cord, Spare electrodes (one pair), Cooling tray, Screen cover, Carrying case, Warranty card, English User manual(Hardcopy and CD).

#### Shineway Technologies (China), Inc.

**Add:** Floor 5, Office Building, No.14 Huayuan North Rd, Haidian District  
Beijing 100191, China

**Tel:** +86-10-51551122

**Email:** [support@shinewaytech.com](mailto:support@shinewaytech.com)

**Fax:** +86-10-62386994

**Web:** [www.shinewaytech.com](http://www.shinewaytech.com)