



OR-300A Fiber fusion splicer is a 4-motor fusion splicer with fiber core alignment technology, GUI menu design, upgraded CPU. It has very stable performance and low fusion loss (average loss lower than 0.03dB), it is a very economical fusion splicer and suitable for FTTx/ FTTH/ Security/ Monitoring etc. projects.

### Features

- 1s boot up, 7s splicing, 26s heating
- Stable performance, average fusion loss 0.03dB
- Automatic ARC calibration, easy for maintaining
- Inductive automatic heater, industrial quad-core CPU
- Big capacity battery, more than 250 cycles splice & heat

### Specifications

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 -150 $\mu$ m
Diameter of coating	160-900 $\mu$ m
Typical splice loss	SM: 0.02dB, MM: 0.01dB, DS: 0.04dB, NZDS: 0.04dB
Return loss	> 60dB
Fibe cleaved length	5-16mm ( coating diameter < 250um), 16mm (coating diameter:250-1000um)
Splicing program	40 groups
Operate mode	Automatic/Manual
Auto-heating	Available
Typical splicing time	7 seconds
Typical heating time	26 seconds



Email:[sales@orentelecom.com](mailto:sales@orentelecom.com)

<http://www.orentelecom.com>

Fiber magnification	250X (X or Y view), 125X (X and Y view)
Display screen	4.3 inch color LCD monitor
Records storage	4000 results
Loss evaluation	Available
Tension test	1.8-2.2N
Interface	GUI menu interface, easy for operation
Battery	5200mAh Li-battery, typical 250 cycles splicing and heating
Power supply	Adapter, input: AC 100-240V(50/50HZ), output: 11-13.5V
Electrodes life	More than 4000 ARC discharges, can be replaced conveniently
Terminal	USB2.0 port, for software upgrading and records exporting
Operating conditions	Altitude: 0-5000m, Humidity: 0-95%, Temperature: -10℃~+50℃, Wind speed:
Dimension	149mm(L) * 120mm(W) * 127mm(H)
Weight	1.90kg (including battery)

#### Standard Accessories

NO.	ITEM
1	Carrying box
2	Fiber cleaver
3	Fiber stripper
4	Drop cable stripper
5	Power cord
6	Adapter
7	Cooling tray
8	User manual (USB)
9	Spare electrodes



西安欧瑞电器技术有限公司  
OREN ELECTRICAL TECHNOLOGY CO., LTD.

Email:[sales@orentelecom.com](mailto:sales@orentelecom.com)

<http://www.orentelecom.com>

10	Cleaning tool kit
11	Strap