

# Fusion splicer

## General information about ADOF-112FS fusion splicer:

- ✓ Small, light, long battery life
- ✓ 4 motors accurate core alignment
- ✓ 250 times magnification of fiber cores
- ✓ 7s fast splicing, 26s intelligent heating
- ✓ More than 4000 times electrodes discharging
- ✓ 4400mAh Li-battery, 220 cycles splicing and heating
- ✓ Inductive automatic heater, not heating without fibers
- ✓ 3 in 1 multi-function clamps, new waterproof structure
- ✓ Apply to bare fibers, drop cables and jumper wires splicing

### function:

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## Technical specification of the device:

- Applicable fiber: SM(G.652), MM(G.651), DS(G.653), NZDS(G.655), Others (including G.657)
- Diameter of cladding:80-150um
- Diameter of coating:160-900um
- 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< 250um), 16mm(coating diameter: 250-1000um)
- Splicing program:40 groups
- Operate mode: Manual, Automatic
- Auto-heating: Available
- Typical splicing time:7seconds
- Tube heating time:26 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, 4.3 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:4400mAh Li-battery, typical 220 cycles(splice and tube heat)
- 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: -10~+50°C;Wind speed: max 15m/s
- Dimension:200mm(L)x123mm(W)x95mm(H)
- Weight:1.6kg including battery

