

F24-M6-3 Fusion Splicer



Features:

- *6 motors accurate real core to core alignment
- *5 inch high resolution color touch screen
- *Identify fiber types(SM/MM) automatically
- *6 seconds splicing & 18 seconds heating
- *Automatic & real-time ARC calibration
- *Industrial quad-core CPU with 30% power saving
- *Real-time heating temperature monitoring
- *Anti-shock, anti-vibration, dustproof & waterproof
- *Apply to 250um/0.9mm/2.0mm/3.0mm fibers and SOC

Specifications:

| | |
|---------------------|--|
| Alignment method | 6 motors core to core alignment |
| Applicable fiber | SM(G.652), MM(G.651), DS(G.653), NZDS(G.655), BIF(G.657) |
| Cladding diameter | 80-150 μ m |
| Coating diameter | 160-3000 μ m |
| Cleaved length | 5-16mm (coating diameter<250um) 16mm (coating diameter:250-3000um) |
| Typical splice loss | SM: 0.02dB; MM: 0.01dB; DS/NZDS/BIF: 0.04dB |
| Return loss | >60dB |
| Splicing program | 40 groups |
| Operation mode | Manual/ Automatic |
| Auto-heating | Available |

| | |
|----------------------|--|
| Typical splice time | 6 seconds |
| Typical heating time | 18 seconds for 60mm and 40mm shrinkable sleeves |
| Fiber magnification | 250X(X or Y view), 125X(X and Y view) |
| Viewing display | Dual high sensitivity camera, 5 inch 800*480 LCD Touch Screen Monitor |
| Data storage | 4000 groups data records |
| Loss evaluation | Available |
| Tension test | 1.8~2.25N |
| Interface | GUI menu interface, easy for operation |
| Battery capacity | 5200mAh Li-battery, 250 cycles splicing and heating |
| Power supply | Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V |
| Electrode life | More than 4000 ARC discharges, easy to replace |
| Terminals | USB 2.0 port, for software upgrading, records exporting |
| Operating | Altitude:0-5000m, Humidity:0-95%,Temperature:-10~+50°C; Wind:max 15m/s |
| Dimension/Weight | 156mm(L)×141mm(W)×156mm(H) / 2.45kg (including battery) |

Package:

| | | | |
|---|---|--|---|
|  |  |  |  |
| Fusion Splicer | Fiber Cleaver | Fiber Stripper | Spare Electrodes |
|  |  |  |  |
| Cooling tray | Drop Cable Stripper | Carrying Box | Power Adapter |
|  |  |  |  |
| Power Plug | User Manual | Strap | Cleaning Brush |

Product details:



**Fully automatic operation
(6s fast splicing and 18s heating)**



**Inductive automatic heater
(Heating time and temperature both adjustable)**



**Multi in one metal precise fiber holder
(0.25/0.9/2/3mm/drop cable)**



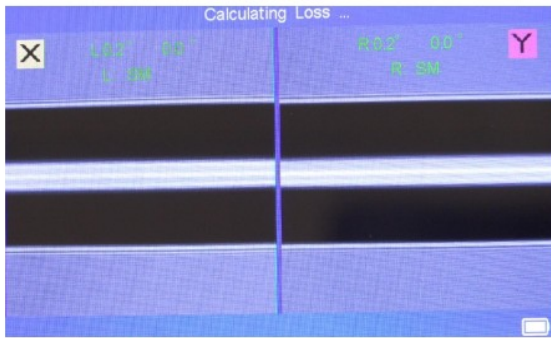
**Detachable 5200mAh Li-battery
(>250times splicing and heating cycle)**



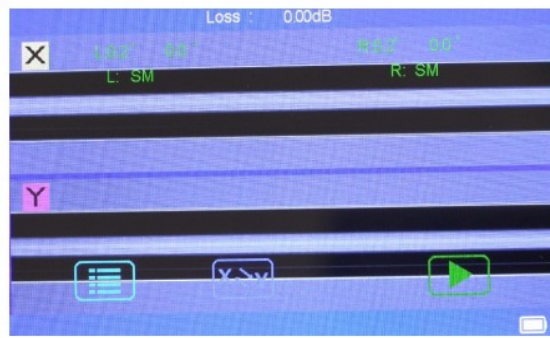
Large opening angle
(Convenient splicing operation)



Large capacity carrying box
(sturdy and durable)



Identify fiber type automatically
(Clear fiber image and fast fiber gapping)



Stable and low splice loss
(Excellent splicing loss performance)