

MaxSplicer V

IOT-Enabled Active V Groove Fusion Splicer

The MaxSplicer V - Fibre Fusion Splicer features an active V-groove and mirrorless design, providing flexible and stable performance when aligning fibres. It is easy to use, with a user-friendly design and it is lightweight and has a intuitive GUI menu, a convenient automatic ARC calibration function, and high-quality components. Suitable for both indoor and outdoor fibre splicing projects.

COMPATIBLE WITH



- **Cloud Synced Results**
- **AI-Powered Analytics**
- **Optimised Deployment**



4G Network Access



UK based cloud server compliant with TSA & NIS2



Real-time splice results and GPS tracking



Remote security lockdown



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Features and Benefits

- Active V-groove and mirrorless design for precise fibre alignment
- Real-time ARC automatic calibration
- 6-second splicing and 20–26-second heating cycles
- Real-time ARC calibration for consistent performance
- 5200–5800 mAh battery supports up to 250 splice/heating cycles
- Multi-function holders for 250 µm to 3 mm fibres and drop cables
- Compatible with SM, MM, DS, NZDS, and G.657 fibre types
- Stores up to 8000 splice records with USB data export

Specifications

MODEL	MaxSplicer V (Active V-Groove Fusion Splicer)
Applicable Fibre	G651/G652/G653/G655/G657 etc.
Cladding Diameter	80~150µm
Coating Diameter	160-3000µm
Typical Splice Loss	G651: 0.01dB; G652: 0.02dB; G653: 0.04dB; G655: 0.04dB; G657: 0.02dB
Return Loss	>60dB
Fibre cleaved length	10-16mm (coating diameter < 250um), 16mm (coating diameter:250-1000um)
Splicing Program	40 modes
Operating mode	Automatic/Manual
Auto-heating	Available
Typical Splice Time	6~12 seconds
Heating Time	20~26 seconds for 40mm and 60mm shrinkable sleeves
Fibre Magnification	320X(X or Y view), 160X(X and Y view)
Display	4.3 inch colour LCD monitor, touch screen display
Fibre Magnification	320X(X or Y view), 160X(X and Y view)
Display	4.3 inch colour LCD monitor, touch screen display
Data Storage	8000 results
Loss Evaluation	Available
Tension Test	1.8N~2.2N
Interface	GUI menu interface, easy for operation



Battery	5200mAh Li-battery, typical 250 cycles splicing and heating, support separating charging
Power Supply	Adapter, input: AC 100-240V(50/50HZ), output: 11-13.5V
Electrode Life	More than 4000 ARC discharges, can be replaced conveniently
Terminals	USB2.0 port, for software upgrading and records exporting
Operating Condition	Altitude: 0~5000m; Humidity: 0~95%; Temperature: -10°C~+50°C; Max wind: 15m/s
Dimension/Weight	160mm(L) * 136mm(W) * 140mm(H) (including rubber armor)
Weight	2.10kg (Including battery)

* Specifications subject to change without notice

Ordering Information

Standard Package Includes:



Fusion Splicer



Fiber Cleaver



Drop Cable Stripper



Fiber Stripper



Power Plug



Power Adapter



Strap



Spare Electrodes



User Manual



Cooling Tray



Cleaning Brush



Carrying Box

