FRAME communications

MaxSplicer C

IOT-Enabled Fusion Splicer

6 MOTOR PRECISION CORE TO CORE ALIGNMENT

The MaxSplicer C is a six-motor fibre fusion splicer featuring the latest core-to-core alignment technology. It offers highly stable performance with minimal fusion loss, making it ideal for a wide range
of fibre optic projects, including backbone networks, FTTx installations, and more.

COMPATIBLE WITH

FRAME WORKS AI

- **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

- Precision 6 motor Core Alignment fusion splicer
- Automatically identifies fibre types (SM/MM)
- 6-second Fast Splice & 18-second heating
- Automatic & real-time ARC calibration
- Industrial quad-core CPU with 30% power saving
- High resolution 5” touch screen, and dual button operation
- Anti-shock, anti-vibration, dust-proof & water-resistant, IP52 certified
- Universal fibre holder, apply to 250μm/0.9mm/2.0mm/3.0mm fibres

Precise structural design
Core to Core alignment

Inductive automatic heater, Fast heating

Anti-shock, dust-proof & waterproof, 5'' touch LCD

Specifications

MODEL	MaxSplicer C (Core Alignment Splicer)
Applicable Fibre	G651/G652/G653/G654/G655/G657 etc.
Cladding Diameter	80~150μm
Coating Diameter	160-3000μm
Typical Splice Loss	G651: 0.01dB; G652: 0.02dB; G653: 0.04dB; G654: 0.04dB; G.655:0.04dB; G657:0.02dB
Return Loss	>60dB
Fibre cleaved length	10-16mm (coating diameter < 250um), 16mm (coating diameter:250-3000um)
Splicing Program	40 modes
Auto-Heating	100 groups, auto-heating supported
Operating mode	Automatic/Manual
Typical Splice Time	6-12 seconds, fast splicing 6 seconds
Heating Time	18-26 seconds for 60mm and 40mm shrinkable sleeves
Fibre Magnification	400X (X or Y view), 200X (X and Y view)
Display	Dual high sensitivity camera, 5.0 inch color LCD monitor, touch screen

Data Storage	10000 groups fusion records, 100 groups images
Loss Evaluation	Available
Tension Test	1.8N~2.2N
Interface	GUI menu interface, easy for operation
Battery	5200mAh Li-battery, typical 300 cycles splicing and heating
Power Supply	Adapter, input: AC 100-240V(50/60Hz), output: DC 11-13.5V
Electrode Life	More than 5000 ARC discharges, easy to replace
Terminals	USB2.0 port, for uploading splicer results and upgrading software
Operating Condition	Altitude: 0-5000m, Humidity: 0-95%,Operating Temperature: -20℃~+50℃, Storage temperature -25℃~+60℃； Wind speed: Max 15m/s
Dimenion/Weight	155mm(L) * 144mm(W) * 155mm(H) (including rubber bumper)
Weight	2.37kg (including battery)

* Specifications subject to change without notice

Ordering Information

Standard Package Includes: