

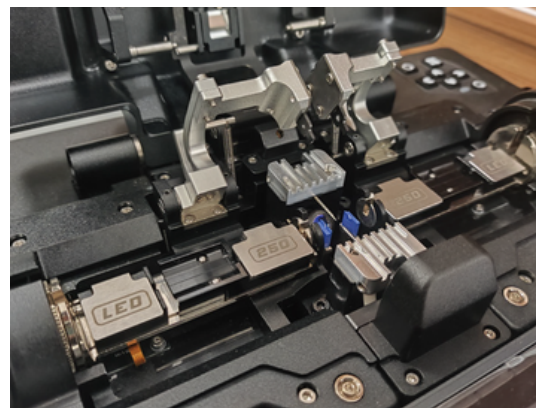
S-22 Multicore Splicer

Product Overview

The Shinho S-22 fully automatic Multicore Fibre (MCF) fusion splicer is specifically engineered to handle the complexities of 2, 4, 6, 7, and 8-core fibres. By combining dual-mode alignment and real-time precision, it delivers the low-loss performance required for next-generation space-division multiplexing (SDM) networks.

Features and Benefits

- Fully automatic fibre alignment and fusion
- Average channel splice loss 0.05dB(4-core fibre)
- Compact and powerful design
- Accurate 360-degree fibre alignment
- Enhanced arc calibration technology
- Advanced plasma zone control technology
- Dual end-view and side-view observation system
- An optional rechargeable Li-battery is convenient for outdoor working



Specifications

MODEL	S-22 Multicore Splicer
Applicable Fibre	Telecommunication Fibres: SM/MM/DS/NZDS/EDF Multicore Fibre: 2, 4, 6, 7, 8 Cores Fibre
Cladding Diameter	150µm
Coating Diameter	220µm
Cleaved Length	9~15mm(standard)
Alignment Method	PAS and fibre end-face direct view available
Typical Splice Loss	SMF: 0.03dB; 4-core fibre: 0.05dB (each channel); 7-core fibre: 0.1SdB (each channel)
Typical Splice Time	Single core fibre<20 seconds; Multi-core fibre<2 minutes
Operation Mode	Manual/Auto
Heating Mode	Manual/Auto
Typical Heating Time	Typical 30s, supports user-defined settings
Splicing Program	40 modes
Electrode Lifetime	>2000 times, easy to replace electrodes
Data Storage	1000 groups fusion records, 100 groups images
Monitor Type	5"HD colour LCD Monitor
Terminal	USB 2.0 port, for software upgrading, records exporting, RS232 port, output signal customisable
Operation/ Storage Condition	Altitude: 0~500m; Humidity: 0~95%; Temperature: -10°C~+50°C; Max wind: 15m/s
Power Supply	Adapter, input: AC100~240V(50/60Hz), output: 0c11~13.SV, SA
Dimension/Weight	330mm(L)x205mm(W)x172mm(H) ;6.4Kg

Ordering Information

