

FSM-01 FUSION SPLICING MACHINE



FEATURES

- Colour LCD monitor & 256 magnification
- Compact & Light weight
- Reversible monitor with control panel on each side
- Max. Wind velocity of 15m/s
- 8 Sec. Splice time, 40 Sec. tube-heat time
- Simultaneous X and Y views
- Large capacity internal battery
- System Test ensures the best working condition
- User programmable
- Auto check fiber end face
- Auto calibrate parameters
- Store 8000 groups of splice results
- Multiple language options
- Core Alignment

SPECIFICATIONS

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|----------------------------|---|
| • Applicable fibers | : SM, MM, DS, NZ-DS, EDF |
| • Cladding diameter | : 100 to 150um |
| • Coating diameter | : 100 to 1000um |
| • Fiber cleaved length | : 8~22mm (standard) |
| • Splicing mode | : Auto & Manual |
| • Average splice loss | : 0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS) |
| • Return loss | : >= 60dB |
| • Environment conditions | : -25~+50°C (operation temperature), 0~95%RH (humidity), 0~5000m (altitude) |
| • Storage environment | : -40~ +80°C (temperature), 0~95%RH (humidity) |
| • Protection sleeve length | : 20mm, 40mm, 60mm |
| • Tension test | : 2.0N (Standard) |
| • Interface | : RS232 interface & video output |
| • Power supply | |
| • AC adaptor | : 85~260V input voltage |
| • Internal battery | : 12V voltage, 10Ah, up to 200 times of continuous splices and heats |
| • DC adaptor | : 12V voltage, optional multipurpose external battery |

ACCESSORIES

AC adaptor, AC power cord, Internal battery, Charger, Spare electrode, Cooling tray, Instruction Manual, Carry case, Fiber cleaver, Fiber stripper