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Find the *Fujikura FSM-40S* at our website: ***Click HERE***



FSM-40S



FSM-40SB

FSM-40S & 40SB

FSM-40S delivers the benefits of PAS core alignment splicing in a field-friendly, highly portable, mini-splicer package. Ergonomic features allow the FSM-40S to be used in difficult aerial taut-sheath splicing conditions, which require proper workflow and minimal fiber slack. This splicer has been designed for use in harsh, outdoor conditions and features an innovative wind protector, which allows splicing in 30 mph cross winds. The FSM-40SB offers identical functionality with a front-mounted tube heater and rear-mounted monitor.

features

- Wind protector design withstands 30 mph cross wind
- Automatic core to core, low loss splicing regardless of fiber quality or age
- Choice of monitor and tube heater position
- 15 second splicing time
- Excellent visibility in bright sunlight with 5" LCD monitor
- Multiple pre-programmed modes for specialized splicing
- Multiple tube heater and attenuation modes
- Selectable image display with single and dual axis fiber viewing

specifications

PARAMETER	VALUE
Fiber Splicing Capability	SM, MM, NZ-DS (non-zero dispersion-shifted), DS, CS (cut-off shifted) and Erbium-doped fiber
Splice Loss	0.02dB with SM fiber, 0.01dB with MM, and 0.03dB with NZ-DS fiber (typical), 0.04dB with DS fiber
Return Loss	>60dB
Cleaved Fiber End Angle Alarm	Programmable up to 5°
Fusion Splices/Battery Charge	30 (including splice protection sleeve tube heater cycle)
Viewing Method	Dual CCD cameras with high resolution 5" LCD monitor with 264X and 132X magnification, external RCA jacks for NTSC video signal
Splice Sleeve Compatibility	Both 40mm and 60mm sleeves, as well as micro sleeves
Atmospheric Compensation	Fully automatic up to 3500 meters (11,500 feet) with automatic temperature and humidity compensation
Operating Temperature	-10°C to +50°C
Storage Temperature	-40°C to +80°C
Power Supply	85 to 265 VAC (50/60 Hz) & 10 to 15 VDC
Dimensions (W x D x H)	172mm x 186mm x 180mm (8.3" x 7.4" x 6.7")
Weight	FSM-40S: 4.9 kg (10.8 lbs) FSM-40SB: 5.2 kg (11.5 lbs)
Attenuation Capability	Programmable from 1dB up to 15dB
Splice Data Storage	2000 splice data records
Splice Modes	60 Pre-programmed, 40 user programmable
Splice Protection Sleeve Heater Modes	30 Pre-programmed

www.AFLtele.com or 1.800.235.3423

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FSM-40S & 40SB

ordering information

DESCRIPTION	PART #
FSM-40S Fusion Splicer (Machine Only) Each FSM-40S Fusion Splicer comes with ADC-07 AC adapter/battery charger, AC cord, spare electrodes (pair), carrying strap, operationa manual, and transit case. Battery and charge cord sold separately.	S011294
FSM-40SB Fusion Splicer (Machine Only) Each FSM-40SB Fusion Splicer comes with ADC-07 AC adapter/battery charger, AC cord, spare electrodes (pair), carrying strap, operation manual, and transit case. Battery and charge cord sold separately.	S011970
FSM-40S Fusion Splicer Kit (Includes cleaver) Each FSM-40S Fusion Splicer Kit includes; Fusion Splicer with ADC-07 AC adapter/battery charger, CT-20-12 Cleaver, AC cord, spare electrodes (pair), carrying strap, operation manual, and transit case. Battery and charge cord sold separately.	S012796
FSM-40SB Fusion Splicer Kit (Includes cleaver) Each FSM-40SB Fusion Splicer Kit includes; Fusion Splicer with ADC-07 AC adapter/battery charger, CT-20-12 Cleaver, AC cord, spare electrodes (pair), carrying strap, operation manual, and transit case. Battery and charge cord sold separately.	S012800

accessories recommended for 40S & 40SB

DESCRIPTION	PART #
Cleavers	
CT-20-11 Cleaver	S012744
CT-20-12 Cleaver	S012740
FC-01 Fiber Collector System	S012760
Batteries & Power Cords	
BTA-02 Camcorder Battery Adapter	S010232
ADC-07 AC Adapter/Battery Charger	S010240
BTR-05 Battery	S010756
DCC-08 Battery Charge Cord	S010764
Data Download 40S/SB (includes software and RS-232 Cable)	S011966
Miscellaneous	
Electrodes (pair)	S000041
WT-5 Work Table (40S only)	S011678
WTS-1 Mounting supports (2 required) (40S only)	S010100
40S Set Plate “B” allows 10mm cleave with 900µm (includes installation)	S011930
Transit Case (40S)	S013200
Transit Case (40SB)	S012152
One year extended warranty	S012996
Two year extended warranty	S01300

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