



FSM-30R12

The FSM-30R12 offers Fujikura mass fusion technology in an extremely small and lightweight mini-splicer. This splicer has the capability to splice single fibers as well as ribbons up to 12 fibers. A wind protection hood, ambient condition sensors, and slide-in modular powering units provide unprecedented mass fusion splicing in remote and outdoor splicing locations. The FSM-30R12 offers a quick 30-second splicing time.

features

- Wind protector design withstands 30 mph cross wind
- Built-in programmable tube heater
- Slide-in power modules include AC adapter, battery or camcorder battery adapter
- Automatically adjusts fusion arc to compensate for differences in atmospheric pressure or altitude
- Large image magnification on low-glare 5" color LCD monitor provides great fiber visibility

specifications

PARAMETER	VALUE
Fiber Splicing Capability	SM, MM, NZ-DS (non-zero dispersion-shifted) & DS fibers (capable of splicing 2, 4, 6, 8, 10, or 12 fibers simultaneously, as well as single fiber splicing)
Splice Loss	0.04dB for SM, 0.02dB for MM, 0.07dB for NZ-DS fiber (typical)
Return Loss	>60dB
Fusion Splices Per Battery Charge	~30 (includes use of splice protection tube heater & hot jacket stripping tool)
Splice Sleeve Capability	40mm mass splice sleeves, both 40mm & 60mm single fiber splice sleeves, and micro/mini sleeves (10 programmable tube heater modes)
Altitude Compensation Function	Fully automatic up to 3500 meters (11,500 feet)
Viewing Method	5" LCD color monitor with 40X magnification, external RCA jack for NTSC video signal
Operating Temperature	-10°C to +50°C
Storage Temperature	-40°C to +80°C
Power Supply	Modular bay accepts slide-in 12V 2.0 amp-hour battery pack or slide-in AC adapter. AC adapter accepts 100 to 240 VAC (50/60Hz). Optional slide-in adapter for 12V 2.0 amp-hour camcorder battery.
Dimensions (W x D x H)	150mm x 150mm x 150mm (5.9" x 5.9" x 5.9")
Weight	2.8 kg (6.2 lbs) with AC adapter installed; 3.2 kg (7.0 lbs) with battery installed
Splice Modes	24 pre-programmed, 30 user programmable



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ordering information

DESCRIPTION	PART #
FSM-30R12 Mass Fusion Splicer (Machine Only) Each FSM-30R12 Mass Fusion Splicer includes DCC-08 charge cord, ADC-07 AC adapter/battery charger, BTR-04 field replaceable battery, AC cord, spare electrodes (pair), magnifier, FH-12 fiber holders (pair), carrying strap, operation manual, and transit case.	S010208
FSM-30R12 Mass Fusion Splicer Kit The kit includes a 30R12 mass fusion splicer, HJS-02 Hot Jacket Stripper w/ DC cord, CT-20 Cleaver, and FC-01 Fiber collector in addition to DCC-08 charge cord, ADC-07 AC adapter/battery charger, BTR-04 field replaceable battery, AC cord, spare electrodes (pair), magnifier, FH-12 fiber holders (pair), carrying strap, operation manual, and transit case.	S012792

accessories recommended for 30R12

DESCRIPTION	PART #
Stripper	
HJS-02 Hot Jacket Stripper with DC cord	S010340
Cleaver	
CT-20 Cleaver -- cleaves up to 24 fibers	S012736
FC-01 Fiber Collector system	S012760
Fiber Holders (pairs)	
FH-12 (12 fibers)	S010220
FH-10 (10 fibers)	S010348
FH-8 (8 fibers)	S010352
FH-6 (6 fibers)	S010356
FH-4 (4 fibers)	S010360
FH-2 (2 fibers)	S010364
FH-250 (250µm coated single fiber)	S010368
FH-900 (900µm jacketed single fiber)	S010372
Batteries and Power Cords	
BTA-02 Camcorder Battery Adapter	S010232
BTR-04 Spare Battery	S010236
ADC-07 Adapter/Battery Charger	S010240
DCC-08 Charge Cord (required for BTR-04)	S010764
Miscellaneous	
FAT-02 Fiber Arrangement Tool	S002111
FAT-04 Fiber Arrangement Tool	S010212
FAA-03 Ribbon Forming Adhesive (4 oz. bottle)	S008720
FAA-03 Ribbon Forming Adhesive (0.5 liter bottle)	S008622
Electrodes (pair)	S010216
ST-3 Splice Tray Holder	S010860
Magnifier	S011646
Transit Case	S011998
One year extended warranty	S012996
Two year extended warranty	S013000