Ribbon Fiber Arc Fusion Splicer

FSM-60R





Ribbon Fiber FSM-60R Arc Fusion Splicer



SPECIFICATIONS					
Applicable type of fibers	of fibers SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZDS (ITU-T G.655)				
Fiber count	Single, 2, 4, 5, 6, 8, 10 and 12				
Applicable fiber dimensions	Ribbon : Cladding diameter 125 μ m, Ribbon fiber thickness 0.25 to 0.4mm				
Applicable liber difficulties	Single : Cladding diameter 125 μ m, Coating diameter 250 μ m and 900 μ m				
Fiber cleaved length	10mm				
Splicing modes	Total 100 modes				
Typical splice loss	0.05dB with SM, 0.02dB with MM, 0.08dB with DS, 0.08dB with NZDS.				
Typical splice loss	(Measured by cut-back method relevant to ITU-T standard).				
Return loss	>>60dB				
Splicing time	Typical 20sec. with standard SM(ITU-T G.652)				
Splice loss estimate Available					
Tube heater / heating time	Built-in tube heater with 30 heating modes. / Typical 40sec with Fujikura FP-04T and 50sec with FP-05.				
Applicable protection sleeve 60mm, 40mm and Fujikura FPS01 series					
Storage of splice result	The last 2000 results to be stored in the internal memory.				
Tension test	1.96 to 2.25N				
Operating condition	0 to 3660m above sea level, 0 to 95%RH and -10 to 50 degC and up to 15m/s wind velocity, respectively.				
Storage condition	0 to 95%RH and -40 to 80 degC respectively.				
Storage condition	Battery: -20 to 30 degC for long term.				
Dimensions	136W×161D×143H [mm] excluding rubber foot.				
Weight	2.1kg with AC adaptor ADC-13, 2.5kg with battery BTR-08.				
Viewing method and display	Two CMOS cameras and 4.1" color LCD monitor.				
Fiber view and magnification X / Y (35X magnification), or both X and Y simultaneously (35X magnification). Changeable 35X to 90X.					
No.of splice cycles with battery Typical 90 cycles (splice / tube heat) with BTR-08.					
Power supply	Applicable voltage from 100 to 240V AC or 10 to 15V DC with ADC-13. 13.2V DC with BTR-08.				
Electrode life	1000 arc-discharges				
Terminals	USB 1.1 (Mini-B type) connector for PC communication.				
Terriniais	6-pin Mini-DIN connector for HJS-02, HJS-03 or SH-8C power supply.				

	STANDARD PACKAGE						
ı	Description	Model No.	Q'ty				
Ī	Arc Fusion Splicer	FSM-60R	1pc.				
	Arc Fusion Splicer	With ELCT2-20A and WPM-08					
	AC adapter / battery charger	ADC-13	1pc.				
	AC power cord	ACC-XX	1pc.				
	Spare electrodes	ELCT2-20A	1pair				
	USB cable	USB-01	1pc.				
	Quick reference guide	M-60R/18R-E	1pc.				
Ī	Video instruction manual	V-60R-E	1pc.				
Ī	Warnings and Cautions	W-60-E	1pc.				
	J plate	JP-05	1pc.				
	Carrying case	CC-24-60R	1pc.				

OPTIONAL ITEMS				
Description	Model No.			
Battery pack	BTR-08			
Battery charge cord	DCC-14			
DC power cord	DCC-12 (for cigar-socket)			
DC power cord	DCC-13 (with alligator clamp)			
Magnifier	MGS-06			
Electrodes	ELCT2-20A			
Wind protector mirror	WPM-08			

ACCESSORIES				
Description	Model No.			
High precision fiber cleaver	CT-30			
Primary coat stripper	PS-02			
Nylon jacket stripper	JS-01			
Hot jacket stripper	HJS-02, HJS-03			
External tube heater	SH-8C (for FuseConnect [™] option)			
Alcohol dispenser	HR-2			
Protection sleeve	FP-03 / 03 (L=40) , FP-04(T) , FP-05			
Protection sieeve	and FPS01 series			

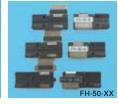
RESISTANCE FEATURES				
Description Detail				
Shock resistance 76cm (30inch) bottom surface drop.*1				
Dust resistance Exposure to dust (0.1 to 500 μm dia. Alumina Silicate)				
Rain resistance	R=10mm/h for 10min.*1			

^{*1:}Carried out in Fujikura labs in Japan. The shock resistance, dust resistance and rain resistance test do not guarantee that the product will not be damaged under these conditions."

■ STANDARD PACKAGE & OPTIOINAL ITEMS













	OPTIONAL FIBER HOLDERS									
	Fiber	Single	Single	2-fiber	4-fiber	5-fiber	6-fiber	8-fiber	10-fiber	12-fiber
		(250 µm)	(900µm)	ribbon	ribbon	ribbon	ribbon	ribbon	ribbon	ribbon
	Model No.	FH-50-250	FH-50-900	FH-50-2	FH-50-4	FH-50-5	FH-50-6	FH-50-8	FH-50-10	FH-50-12
		FH-60-250	FH-60-900	111-30-2	111-30-4	111-30-3	111-30-0	111-30-6	111-30-10	111-30-12

Specifications and descriptions are subject to change without prior notice.

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