

# FSM-16R

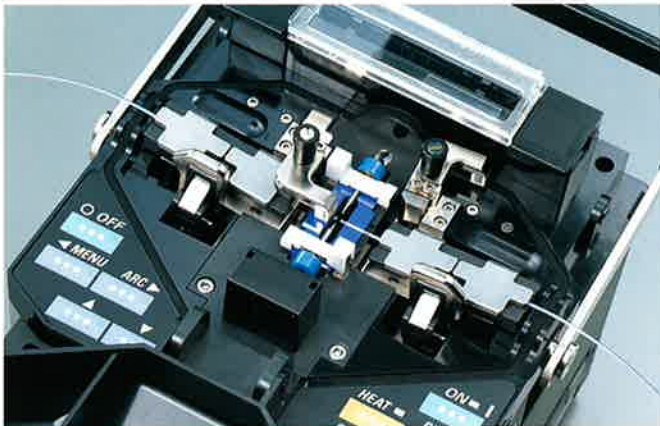
## Mass Fiber Fusion Splicer



### FEATURES

- Compact and suitable for aerial splicing.
- High wind shielding.
- Fully automatic operation and user friendly.
- AC/DC converter works as both AC/DC converter and battery charger.
- High resolution 5 inch color monitor.
- Automatic altitude compensation.

 **Fujikura**



**Top view of FSM-16R**

FSM-16R succeeds to the high precision technology of Fujikura splicers.



**Accessories**

BTR-04 battery pack, ADC-07 AC/DC adapter / battery charger, CT-04B high precision fibercleaver, HJS-02 hot jacket stripper, FH-series fiber holder.

**SPECIFICATIONS**

● Applicable Fibers:	Single Mode(SM), Graded Index(GI) and Dispersion Shifted(DS) fiber complying with ITU-T Recommendation G.652, G651 and G653 respectively.
● No. of Fibers to be spliced:	Single to single, 2 to 2, 4 to 4 fibers irrespective of ribbon or bundle configuration.
● Splice Loss:	0.05dB with SM fiber, 0.03dB with GI fiber and 0.08dB with DS fiber.
● Return Loss:	>>60dB
● Cleaved Fiber Length:	10mm each
● Viewing Angle:	X and Y (2 axes)
● Viewing Method:	CCD camera and LCD monitor (5 inches)
● Splice Loss Estimation to be made on:	SM, GI and DS fibers
● No. of Splice Program:	30 programs
● Splice Result Storage:	Latest 250 splice results
● Altitude Compensation:	Equipped (0 - 3,500m above sea level)
● Mechanical Proof Test on Spliced Fiber:	2N
● Power Supply:	12Vd.c. from BTR-04 battery pack (Voltage for charging with ADC-07 : 100-240Va.c.) or 100-240Va.c. with ADC-07 AC/DC converter
● Applicable Protect Sleeve Length:	40mm and 60mm
● Dimensions:	150(W) × 150(D) × 150(H) mm
● Weight:	3.3kg including BTR-04 battery pack 2.8kg including ADC-07 AC adapter
● No. of Fusion Splices per Charge:	Approx. 30 times with a HJS-02 power save mode.

**COMPONENTS**

Item	Description	Model No.	Q'ty
(1)	Mass Fiber Fusion Splicer	FSM-16R	1pc
(2)	AC Adapter and Battery Charger (Combine)	ADC-07	1pc
(3)	AC Power Cord	ACC-XX	1pc
(4)	DC Power Cord	DCC-08	1pc
(5)	Battery Pack	BTR-04	1pc
(6)	Carrying Case	CC-01	1pc
(7)	Spare Electrode	ELCT2-16	1pair
(8)	Fiber Holder	FH series	1pair

Item(3) XX = 02 : USA type  
03 : UK type  
04 : Europe type  
05 : Australia type

Item(8) Please select from the list of Fiber Holders.  
If not stated, a pair of FH-4 will be provided for a FSM-16R.

**OPTIONAL ACCESSORIES**

Description	Model No.
Fiber Holders	See below
Primary Coat Stripper	PS-02
Jacket Stripper	JS-01
Thermal Jacket Stripper	HJS-02
High Precision Fiber Cleaver Base	CT-04B
Top Cover	TC-01-16RA
Magnifier	MGS-03
J Plate	JP-02A

**FIBER HOLDER**

No. of Fiber	Model No.
Single (0.25mm OD)	FH-250
Single ( 0.9mm OD)	FH-900
2	FH-2
3	FH-4

Specification and description are subject to change without prior notice.

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