

FSM-30R

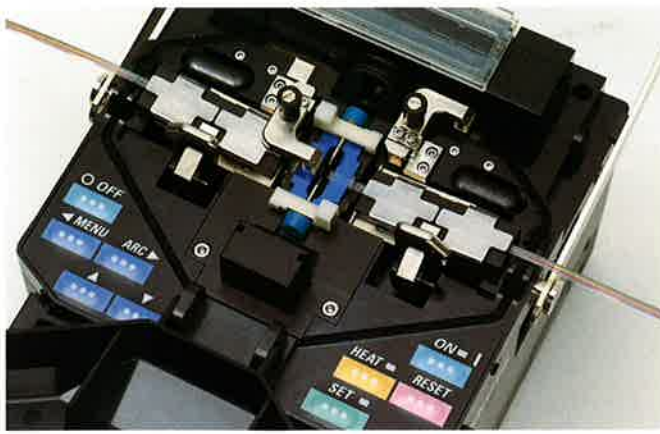
Mass Fiber Fusion Splicer



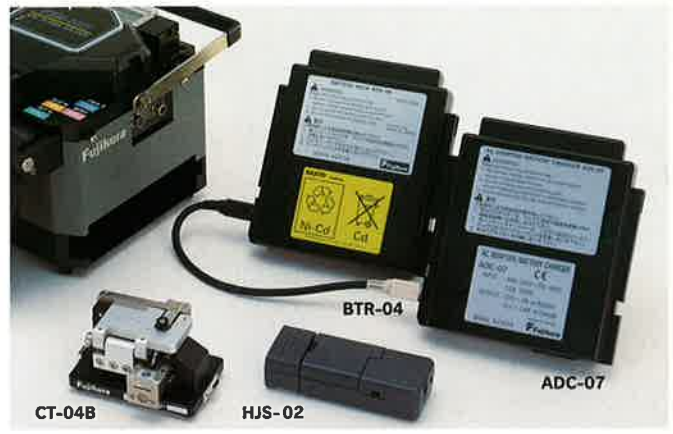
Features

- *Suitable for ribbon fiber splice*
- *Cladding alignment with fixed V-grooves*
- *Fully automatic and user friendly operation*
- *More shielding performance against wind*
- *High performance in compact body*
- *High resolution 5 inch color monitor*
- *AC/DC converter works as both AC/DC converter and battery charger*
- *All fibers focused at a time*

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Top View of FSM-30R



Accessories

SPECIFICATIONS

● Applicable fibers	Singlemode(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	FSM-30R8 : Single, 2, 4, 5, 6 and 8 fiber pairs FSM-30R12 : Single, 2, 4, 5, 6, 8, 10 and 12 fiber pairs irrespective of ribbon or bundle configuration
● Splice Loss	0.05 dB with SM fiber, 0.03dB with GI fiber and 0.08 dB with DS fiber
● Return Loss	>> 60 dB
● Cleaved Fiber Length	10 mm 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 to be Set	30 programs
● Splice Result Storage	Latest 150 splice results
● Altitude Compensation	Equipped (0 - 3500 m above sea level)
● Mechanical Proof Test on Spliced Fiber	2 N
● Power Supply	12 V d.c. from BTR-04 battery pack (Voltage for charging with ADC-07 : 100 - 240 V a.c.) or 100 - 240 V a.c. with ADC-07 AC/DC converter
● Applicable Protect Sleeve Length	40 mm and 60 mm
● Dimensions	150 (W) x 150 (D) x 150(H) mm
● Weight	3.3 kg including BTR-04 battery pack 2.8 kg including ADC-07 AC adapter
● No. of Fusion Splices per Charge	Approx. 20 times with a HJS-02 power save mode

COMPONENTS

Item	Description	Model No.	Q'ty
(1)	Mass Fiber Fusion Splicer	FSM-30R8 or FSM-30R12	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-8 will be provided for a FSM-30R8 and FH-12 for a FSM-30R12.

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-01-30RA
Magnifier	MGS-03
J Plate	JP-02A
Fiber Arrangement Tool	FAT-02/FAT-03

FIBER HOLDER

No. of Fiber	Model No.
Single(0.25mm OD)	FH-250
Single(0.9mm OD)	FH-900
2	FH-2
4	FH-4
5	FH-5
6	FH-6
8	FH-8
10	FH-10
12	FH-12

Specification and description are subject to change without prior notice.

Fujikura Ltd.

5-1, Kiba 1-chome, Kotoku, Tokyo 135-8512, Japan
Phone :81(3)5606-1164 Fax :81(3)5606-1534 Telex :246-6655 FIWCCS J

Fujikura Europe Ltd.

C51 Barwell Business Park Leatherhead Road, Chessington, KT9 2NY, UK
Phone :44-181-240-2000 Fax :44-181-240-2010

Alcoa Fujikura Ltd. Telecommunications Division

150, Ridgeview Circle, Duncan, SC29334, USA
Phone :1-800-AFL-FIBER Fax : (864)433-5560

Fujikura Asia Ltd.

460 Alexandra Road #22-01 PSA Bldg., Singapore 119963
Phone :65-2711311 Fax :65-2736532