

# FUJIKURA-31S THE FTTH SPLICER

## FEATURES

- ▶ Active V-groove alignment
- ▶ Fast splicing time 6sec.
- ▶ Touch panel with easy operation
- ▶ Simple and lightweight carrying case for good mobility
- ▶ Manufactured for absolute robustness



## ACTIVE V-GROOVE ALIGNMENT



# FUJIKURA-31S THE FTTX SPLICER


SPECIFICATIONS	
Applicable fibres	Single/ SM(F.G.652/657), MMF(G.651), DSF(G.653), NZDSF(G.655)
Cladding diameter	125 µm / Up to 3mm with sheath clamp
Cleave length	5mm to 16mm with sheath clamp
Splice mode / heating mode	Total 100 splice modes / 30 heating modes
Typical splice loss*1	0.03dB (SM), 0.01dB(MM), 0.05dB(DS) and 0.05dB(NZDS)
Return loss	»60dB
Typical splice time	6sec SM FAST, 9sec SM AUTO
Typical tube heating time	25sec FP-03, coating dia.250µm
Splice result storage	Last 10,000 splices
Viewing methods / magnification	2 axis 2CMOS camera with 5.0' color LCD. 132X magnification.200X magnification after splicing
Tension test	1.96 to 2.25N
Applicable protection sleeve	60mm, 40mm and Fujikura micro sleeves
No. of splice/heating per battery full charge	Typical 200 cycles with BTR-11*2
Electrode life	Typical 5000 splices
Size / weight	131W x 2010 x 79H mm / 1300g (including battery)
Operating conditions	Altitude: 0 to 5,000m above sea level, Wind: 15m/sec*3 Temperature: -10 to 50deg C, Humidity: 0 to 95%RH, non-dew
Resistance features*4	Shock resistance: 76cm (30inch) bottom surface drop Dust resistance: Exposure to dust ( 0.1 to 500µm dia. Alumina Silicate), IP5X Rain resistance: H=10mm/hr for 10min, IPX2
Other features	PC software upgrade / data management
Terminals	USB 2.0 (Mini-8 type) connector for PC communication

\*1 Typical value of the inspection with Fujikura identical fibre. Measured by cut-back method relevant to ITU-T and IEC standards.

\*2 one(1) splicing and heating cycle per two (2) min. under room temperature condition.

\*3 With strong wind, it is necessary to lengthen the heating time setting.

\*4 The shock, dust and rain resistance tests do not guarantee the product will not be damaged under these conditions.

STANDARD PACKAGE					
Description	Model No.	Q'ty	Description	Model No.	Q'ty
Fusion splicer	31S with BTR-11 and ELCT2-16B	1pc.	Spare electrodes	ELCT2-16B	1pair
AC adapter	ADC-19A	1pc.	Instruction manual CD	M-31 (Manual and PC software)	1pc.
AC power cord	ACC-SA	1pc.	Quick reference guide	Q-31S-E (English)	1pc.
Carrying case	CC-35	1pc.	STANDARD PACKAGE		
ACCESSORIES					
Description	Model No.				
Single fibre cleaver	CT08 (for single fibre)				
Fibre cleaver	CT50 (for single to 12 ribbon fibres)				
Single fibre stripper	SS01 / SS03*1				
Ribbon fibre stripper	RS02 / RS03				
Protection sleeve	FP-03 / FP-03 (L=40) & FPS01 series				

\*6 Standard Package includes SS03

OPTIONAL ITEMS			
Description	Model No.	Description	Model No.
Fibre holder	FH-60-250, FH-70-250 (coating dia. of 250µm)	Sheath clamp	CLAMP-S31A (included in standard package)
	FH-60-900, FH-70-900 (coating dia. of 900µm)		CLAMP-S31B (900µm dia. loose buffer fibre)
	FH-60-DC250 (coating dia. of 250µm in drop cable)	Battery pack*5	BTR-11/Li-ion)*5
	FH-FC-20 (coating dia. of 900µm in 2.0mm Sheath dia.)	Electrodes	ELCT2-16B
	FH-FC-30 (coating dia. of 900µm in 3.0mm Sheath dia.)	Alcohol pot	AP-02
	FH-60-LT900 (900µm dia. loose buffer fibre)	*5 all senders have to obey the IATA regulation In case of Li-ion battery transportation by air.	

# FUJIKURA-31S STANDARD KIT

## FEATURES

- ▶ 31S Kit with CT08 cleaver



ITEM	SPECIFICATIONS	ITEM	SPECIFICATIONS
Fusion splicer	31S	Instruction manual CD	M-31
AC adapter	ADC-19A	Quick Reference Guide	Q-31S-E
Battery	BTR-11	Alcohol Pot	AP-02
AC power cord	ACC-SA	Set Plate	SP-31
Carrying case	CC-35	Cleaver	CT08
Spare electrodes	ELCT2-16B	Single Fibre Stripper	SS03





# FTK-800 TERMINATION KIT

## KIT CONTENTS

- ▶ PVC Electrical Tape
- ▶ Tri-Hole Fibre Stripper
- ▶ Kevlar Scissors
- ▶ Jacket Stripper
- ▶ Buffer Tube Stripper
- ▶ Round Cable Slitter
- ▶ Needle Node Pliers
- ▶ 6" Side Cutting Pliers
- ▶ 4 Bit Screwdriver
- ▶ 1/2" Nut Driver
- ▶ Ruler
- ▶ Shrink Tube Kit
- ▶ L Mtr 3mm Furcation
- ▶ I Mtr 900µm Furcation
- ▶ Cleaning Tissue
- ▶ V-groove and fusion splice cleaning swab
- ▶ 250ml alcohol bottle
- ▶ Piano Wire 3pcs/tube
- ▶ Tweezers
- ▶ Fabric Tape Measure
- ▶ Fibre Disposal Unit
- ▶ Safety Glasses
- ▶ Economy Tie Labels
- ▶ Fusion Splice Sleeves 60mm
- ▶ Black Work Mat
- ▶ Utility Knife with Spare Cleave
- ▶ Black Marker
- ▶ Carrying Case

