Fujikura 31S

NEW



Features

- Active V-groove Alignment
- Fast splicing time 6sec.
- Touch panel with easy operation
- Simple lightweight carrying case for good mobility

Single Fiber Fusion Splicer

Fujikura 31S

Active V-groove Alignment

SPECIFICATIONS

Applicable fiber	Single / SMF(G.652/657), MMF(G.651), DSF(G.653), NZDSF(G.655)
Cladding dia. / Sheath dia.	125 µm / Up to 3mm with sheath clamp
Cleave length	5mm to 16mm
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 201D x 79H mm / 1300g (including battery)
Operating condition	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 feature*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-B type) connector for PC communication.

***1:Typical value of the inspection with Fujikura identical fiber. 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:Under strong wind, it is necessary to lengthen the heating time setting.**
***4:The shock, dust and rain resistance test do not guarantee the product will not be damaged under these conditions.**

Fujikura

Single Fiber Fusion Splicer

Fujikura 31S

Active V-groove Alignment

STANDARD PACKAGE

Description	Model No.	Q'ty
Fusion splicer	31S with BTR-11 and ELCT2-16B	1pc
Set plate	SP-31	1pc
AC adapter	ADC-19A	1pc
AC power cord	ACC-11	1pc
Carrying case	CC-35	1pc
Spare electrodes	ELCT2-16B	1pair
Instruction manual CD	M-31	1pc
Quick reference guide	Q-31S-E	1pc

OPTIONAL ITEMS

Description	Model No.
Fiber holder	FH-60-250 （coating dia. of 250μm）
	FH-60-900 （coating dia. of 900μm）
	FH-60-DC250 （coating dia. of 250μm in drop cable)
	FH-FC-20 (coating dia. of 900μm in 2.0mm Sheath dia.)
	FH-FC-30 (coating dia. of 900μm in 3.0mm Sheath dia.)
	FH-60-LT900 (900μm dia. loose buffer fiber)
Sheathclamp	CLAMP-S31A (included in standard package) CLAMP-S31B (900um dia. loose buffer fiber)
Battery pack*[5]	BTR-11(Li-ion)*[5]
Electrodes	ELCT2-16B
Alcohol pot	AP-02

***[5]:all senders have to ovey the IATA regulation in case of Li-ion battery transportation by air.**

ACCESSORIES

Description	Model No.
Single fiber cleaver	CT08 (for single fiber)
Fiber cleaver	CT50 (for single to 12 ribbon fibers)
Single fiber stripper	SS01 / SS03*[6]
Ribbon fiber stripper	RS02 / RS03
Protection sleeve	FP-03 / FP-03(L=40) and FPS01series

***[6]:Standard Package includes SS03**

Specifications and descriptions are subject to change without prior notice. © 2018 Fujikura Ltd.

Fujikura Ltd.
1-5-1, Kiba, Koto-ku, Tokyo 135-8512, Japan
Phone : +81-3-5606-1164 Fax : +81-3-5606-1534 http://www.fujikura.co.jp

Fujikura Asia Ltd.
438A Alexandra Road, Block A Alexandra Technopark #08-03 Singapore 119967
Phone : +65-6-278-8955 Fax : +65-6-278-0965 http://www.fujikura.com.sg

Fujikura Europe Ltd.
C51 Barwell Buisiness Park, Leatherhead Road, Chessington, Surrey KT9 2NY, UK
Phone : +44-20-8240-2000 Fax : +44-20-8240-2010 http://www.fujikura.co.uk

AFL
260, Parkway East, Duncan, SC29334, USA
Phone : +1-800-235-3423 Fax : +1-800-926-0007 http://www.aflglobal.com

Fujikura (China) Co., Ltd.
7th Floor, Shanghai Hang Seng Bank Tower, 1000 Lujiazui Ring Road, Pudong New Area, Shanghai 200120, CHINA
Phone : +86-21-6841-3636 Fax : +86-21-6841-2070 http://www.fujikura.com.cn

Fujikura CT08

NEW

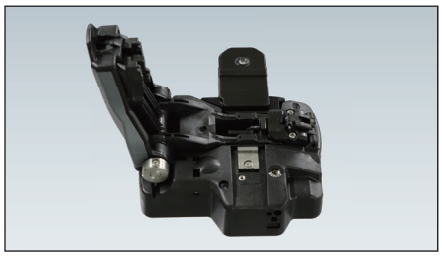
Absolute robustness cleaver!!

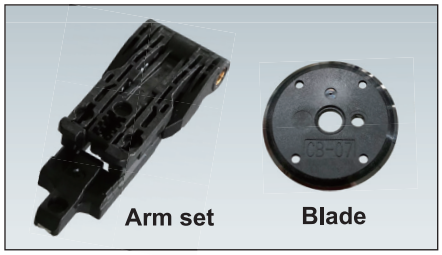


Single Fiber Cleaver

Fujikura CT08

- ○ Dedicated for single fiber cleaving
- ○ Replacement of fiber clamps and cleaving blade by user
- ○ No tool necessary for blade rotation
- ○ Widly lever opening makes easy fiber placing
- ○ Simple and single-step operation





Fujikura

Fujikura CT08

SPECIFICATIONS

Description		CT08
Applicable optical fiber		Glass optical fibers
Number of fibers		Single
Cladding diameter		125 μm
Coating diameter		160μm to 900μm(2mm/3mm cord & drop cable)
Cleaving length	AD-50	5mm to 20mm (coating diameter =250μm) 10mm to 20mm (coating diameter > 250μm)
	FH-xx-	10mm
Cleaving angle		Typical 0.5 degrees
Blade life		48,000 fibers (1,000 fibers x 3 heights x 16 positions)
Dimensions		110(W)×95(D)×45(H) mm
Weight		185g
Operation condition		Temperature: -10 to 50℃ Humidity: 0 to 95% RH(Non-condensing)
Storage condition		Temperature:-40 to 80℃ Humidity:0 to 95% RH(Non-condensing)
Resistance feature*		Shock : 76cm (30inch) all direction drop
		Dust resistance : Exposure to dust (0.1 to 500μm dia. Alumina Silicate)
		Rain resistance : H=10mm/hr for 10min

*Carried out in Fujikura labs in Japan. The shock resistance test do not guarantee the product will not be damaged under this conditions.

STANDARD ITEMS

Description	Model No.	Qty.
Main body	CT08	1pc
Fiber plate	AD-50	1pc
Spacer	SC-CT08-10	1pc
Carrying Case	CC-34	1pc
Hexagonal wrench	HEX-01	1pc
Insruction manual	M-CT08-EJ	1pc

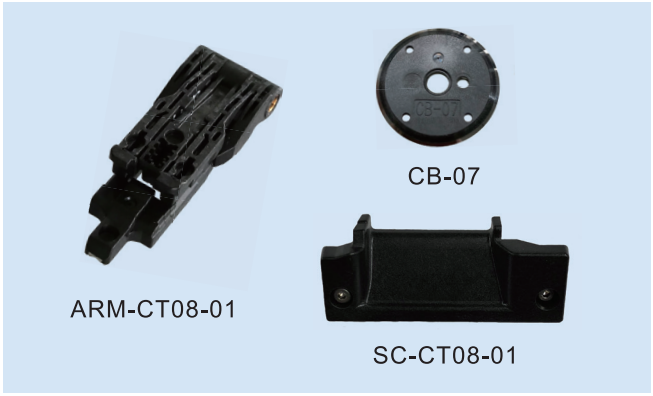
OPTIONAL ITEMS

Description	Model No.
Blade	CB-07 (installed : 1pc)
Arm set	ARM-CT-08-01 (installed : 1pc)
Side cover	SC-CT08-01

Standard Package



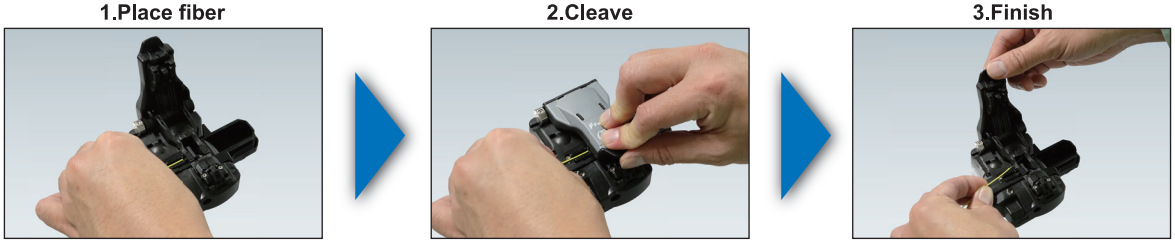
Optional Items



FIBER HOLDERS

Description	Model No.
Applicable fiber holder	FH-100-250 to 900
	FH-50-250 / FH-50-900
	FH-60-250 / FH-60-900 FH-70-250 / FH-70-900

Cleaving procedure



Please visit *NEW* web site!

https://www.fusionsplicer.fujikura.com

Facebook
https://www.facebook.com/FujikuraFusionSplicers

twitter
https://twitter.com/fujikurasplicer

Specifications and descriptions are subject to change without prior notice. ©2018 Fujikura Ltd.

Fujikura Ltd.
1-5-1, Kiba, Koto-ku, Tokyo 135-8512, Japan
Phone:+81-3-5606-1164 Fax:+81-3-5606-1534 http://www.fujikura.com

Fujikura Asia Ltd.
438A Alexandra Road, Block A Alexandra Technopark #08-03 Singapore 119967
Phone:+65-6-278-8955 Fax:+65-6-278-0965 http://www.fujikura.com.sg

Fujikura Europe Ltd.
C51 Barwell Business Park, Leatherhead Road, Chessington, Surrey KT9 2NY, UK
Phone:+44-20+8240-2000 Fax:+44-20-8240-2010 http://www.fujikura.co.uk

AFL
260, Parkway East, Duncan, SC29334, USA
Phone:+1-800-235-3423 Fax:+1-800-926-0007 http://www.aflglobal.com

Fujikura (China) Co., Ltd.
7th Floor, Shanghai Hang Seng Bank Tower, 1000 Lujiazui Ring Road, Pudong New Area, Shanghai, 200120 CHINA
Phone:+86-21-6841-3636 FAX +86-21-6841-2070

913・10-0840-142・95-00
Printed in Japan 1802-1802-0-JCC