Fujikura 19S

State of the ARC

Next-Generation Splicer!

Single Fiber Fusion Splicer

Fujikura 19S

World quickest splicing / tube-heating.

splicing : 9sec. / tube-heating : 14sec.

- ○Automated wind-protector.
- ○Minimum manual operation.
  Splice in 4 steps.
- ○Multi-functional carrying case
  with integrated work station.
- ○Absolute robustness.

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SPECIFICATIONS

Applicable fibers	Single / SMF(G.652/657), MMF(G.651), DSF(G.653), NZDSF(G.655)
Cladding dia. / Sheath dia.	125µm / 100-3000µm
Cleave length	5mm to 16mm by sheath clamp
Splice mode / heating mode	Total 100 splice modes / 30 heating modes
Typical splice loss	0.05dB (SM), 0.02dB(MM), 0.08dB(DS) and 0.08dB(NZDS) Measured by cut-back method relevant to ITU-T and IEC standards.
Splice time / tube heating time	Typical 9sec with SM FAST, 11sec with SM AUTO / Typical 14sec with FP-03(60mm) sleeve
Splice result storage	Last 2000 splices
Viewing methods / magnification	2 axis CMOS camera with 4.73" color LCD. X / Y (320X magnification), or both X and Y simultaneously (200X magnification)
Tension test	1.96 to 2.25N
Applicable protection sleeve	60mm, 40mm and Fujikura micro sleeves
No. of splice / heating per battery full charge*1	Typical 180 cycles with BTR-09
Electrode life	3000 splices
Size / weight	146W x 159D x 150H (mm) / 2.5kg (including battery)
Operating condition	Altitude : 0 to 3,660m above sea level, Wind : 15m/sec Temperature : -10 to 50deg C, Humidity : 0 to 95%RH, non-dew
Resistance features*2	Shock : 30in all surface drop Dust : Exposure to dust (0.1 to 500µm dia Alumina Silicate) IP5X Rain : H=10mm/hr for 10min IPX2
Other features	PC software upgrade / data management
Terminals	USB 2.0 (Mini-B type) connector for PC communication. 6-pin Mini-DIN connector for HJS-02 or HJS-03 power supply.

*1:one(1) splicing and heating cycle per two(2) min. under room temperature condition.
*2:Carried out in Fujikura labs in Japan. The shock, dust and rain resistance test do not guarantee the product will not be damaged under these conditions.

ACCESSORIES

Description	Model No.
High precision single fiber cleaver	CT-05 (for single fiber)
High precision fiber cleaver	CT-30 series (for single to 12 ribbon fibers)
Primary coat stripper	PS-02
Nylon jacket stripper	JS-01
Thermal jacket stripper	HJS-02, HJS-03
Protection sleeve	FP-03 / 03 (L=40) and FPS01series

OPTIONAL ITEMS

Description	Model No.	SET
Fiber holder	FH-60-250 (coating dia. of 250µm)	1pair
	FH-60-900 (coating dia. of 900µm)	1pair
	FH-60-DC250 (coating dia. of 250µm in drop cable)	1pair
	FH-FC-20 (coating dia. of 900µm in 2.0mm Sheath code)	1pc
	FH-FC-30 (coating dia. of 900µm in 3.0mm Sheath code)	1pair
	FH-60-LT900 (900µm dia. loose buffer fiber)	1pair
Sheath clamp	CLAMP-S70C (included in standard package)	1pair
	CLAMP-S70D (900um dia. loose buffer fiber)	1pair
Battery pack	BTR-09 (Li-ion)*3	1pc
Battery charge cord	DCC-18	1pc
DC power cord	DCC-12 (for cigar-socket)	1pc
	DCC-13 (with alligator clamp)	1pc
Electrodes	ELCT2-20A	1pair

*3:all senders must to obey the IATA regulation when transporting Li-ion battery by air.

STANDARD PACKAGE

Description	Model No.	Q'ty
Fusion splicer	19S	1pc
AC adapter	ADC-18	1pc
AC power cord	ACC-XX XX=14(JP/US),15(EU),16(UK),17(AU)	1pc
Carrying case	CC-30	1pc
Spare electrodes	ELCT2-20A	1pair
Instruction manual CD	M-70 (Instruction manual and PC software)	1pc
Quick reference guide	Q-70S/19S-E (English)	1pc
Warning and cautions	W-70-E	1pc
USB cable	USB-01	1pc
Sleeve loader	SL-01	1pc
Alcohol pot	AP-01	1pc
Screw driver	SD-01	1pc

STANDARD PACKAGE

Specifications and descriptions are subject to change without prior notice.

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