

The Advanced Splicer

**Active
V-groove
Alignment**



Single Fiber Fusion Splicer

Fujikura 22S

Active V-groove Alignment



- World's Smallest & Lightest Active V-groove Splicer
- Fast splicing time 9sec.
- Multi-Functional Carrying Case



Fujikura 22S

SPECIFICATIONS

Applicable fibers	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	0.03dB (SM), 0.01dB(MM), 0.05dB(DS) and 0.05dB(NZDS) Measured by cut-back method relevant to ITU-T and IEC standards.
Return loss	>>60dB
Typical splice time	9sec SM FAST, 11sec SM AUTO
Typical tube heating time	24sec FP-03, coating dia.250μm 25sec FP-03, coating dia.900μm 19sec Slim60mm, coating dia.250μm 16sec Slim40mm, coating dia.250μm
Splice result storage	Last 10,000 splices
Viewing methods / magnification	2 axis 2CMOS camera with 4.73" 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
Electrode life	5000 splices
Size / weight	120W x 189D x 72H mm / 1140g (including battery)
Operating condition	Altitude : 0 to 5,000m above sea level, Wind : 15m/sec Temperature : -10 to 50deg C, Humidity : 0 to 95%RH, non-dew
Other features	PC software upgrade / data management
Resistance feature	Shock resistance : 76cm (30inch) bottom surface drop ^{*1} Dust resistance : Exposure to dust (0.1 to 500μm dia. Alumina Silicate). ^{*1} Rain resistance : H=10mm/hr for 10min ^{*1}

*1:Carried out in Fujikura labs in Japan. The shock resistance, dust resistance and rain resistance test do not guarantee that the product will not be damaged under these conditions.

STANDARD PACKAGE

Description	Model No.	Q'ty
Fusion splicer	22S with BTR-11 and ELCT2-12	1pc
AC adapter	ADC-19	1pc
AC power cord	ACC-XX XX=08(JP),09(US),10(UK),11(EU),12(AU)	1pc
Carrying case	CC-32	1pc
Spare electrodes	ELCT2-12	1pair
Instruction manual CD	M-22	1pc
Quick reference guide	Q-22S-E	1pc
Alcohol pot	AP-01	1pc
Screw driver	SD-01	1pc

OPTIONAL ITEMS

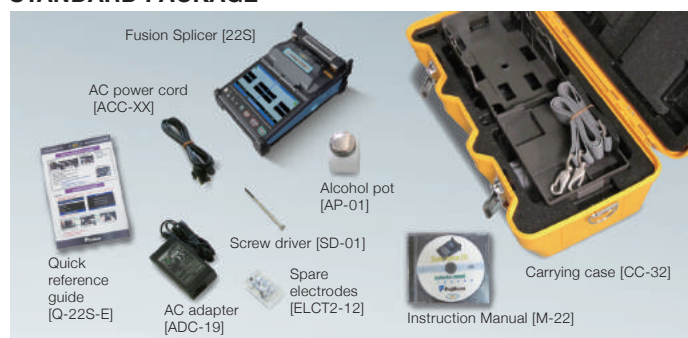
Description	Model No.
Fiber holder	FH-60-250 (coating dia. of 250μm)
	FH-60-900 (coating dia. of 900μm)
	FH-60-DC250 (coating dia. of 250μm in drop cable)
	FH-FC-20 (coating dia. of 900μm in 2.0mm Sheath dia.)
	FH-FC-30 (coating dia. of 900μm in 3.0mm Sheath dia.)
Sheath clamp	CLAMP-S21A (included in standard package)
	CLAMP-S21B (900μm dia. loose buffer fiber)
Battery pack	BTR-11(Li-ion) ^{*2}
Electrodes	ELCT2-12

*2:all senders have to obey the IATA regulation in case of Li-ion battery transportation by air.

ACCESSORIES

Description	Model No.
High precision single fiber cleaver	CT08 (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
Protection sleeve	FP-03 / 03 (L=40) and FPS01series

STANDARD PACKAGE



OPTIONAL ITEMS



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