

Connecting the Future

**World's Quickest
Splicing 11sec
Tube-heating 18sec**



Ribbon Fiber Fusion Splicer **Fujikura 70R+** Fixed v-groove, Dual-axis observation system



- Automated Wind-Protector
- Up to 12-fiber ribbon splicing
- Minimum manual operation, Splice in 5 steps
- Multi-functional carrying case with integrated work station
- Absolute robustness
- Bluetooth capability connection



Specifications and descriptions are subject to change without prior notice.

überreicht durch:

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Fujikura 70R+

SPECIFICATIONS

Applicable fibers	SMF(G.652/657), MMF(G.651), DSF(G.653), NZDSF(G.655)
Fiber count	Single to 12
Cladding dia. / Sheath dia.	Single : 125µm / 160µm to 3mm by fiber holder system Ribbon : 125µm / Ribbon fiber thickness 0.25 to 0.4mm
Cleave length	10mm to 13mm
Splice mode / heating mode	Total 100 splice modes / 30 heating modes
Typical splice loss ^{*1}	0.05dB (SM), 0.02dB(MM), 0.08dB(DS) and 0.08dB(NZDS)
Return loss	>>60dB
Typical splice time / Typical tube heating time	11sec with SM FAST, 15sec with SM AUTO / 18sec with FP-04(T) sleeve
Splice result storage	Last 2000 splices
Viewing methods / magnification	2 axis CMOS camera with 4.73" color LCD. X/Y (35 - 90X magnification, automatically change depending on fiber count), or both X and Y simultaneously
Tension test	1.96 to 2.25N
Applicable protection sleeve	60mm, 40mm and Fujikura micro sleeves
No. of splice / heating per battery full charge ^{*2}	Typical 110 cycles with BTR-09
Electrode life	Typical 1500 splices
Wireless connectivity	Wireless technical standard : Bluetooth® 4.1LE ^{*3} OS : Andoroid 5.0 or above, ios 8.0 or above (iphone6 above)
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 ^{*4} Temperature : -10 to 50deg C, Humidity : 0 to 95%RH, non-dew
Resistance tests ^{*5}	Shock : 30inch 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 RS02 or RS03 power supply.

*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:The Bluetooth wireless connection of this product is not guaranteed to work with all smartphones or other devices.

*4:Under strong wind, it is necessary to lengthen the heating time setting.

*5:The shock, dust and rain resistance test do not guarantee the product will not be damaged under these conditions.

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ACCESSORIES

Description	Model No.
Fiber cleaver	CT50 (for single to 12 ribbon fibers)
Ribbon fiber stripper	RS02, RS03
Protection sleeve	FP-04(T)/ 05/ 03 / 03(L=40) and FPS01series

OPTIONAL ITEMS

Description	Model No.	SET
Fiber holder	FH-70-250 (coating dia. of 250µm)	1 pair
	FH-70-900 (coating dia. of 900µm)	1 pair
	FH-70-2 (2 fiber ribbon)	1 pair
	FH-70-4 (4 fiber ribbon)	1 pair
	FH-70-8 (8 fiber ribbon)	1 pair
	FH-70-12 (12 fiber ribbon)	1 pair
	FH-60-DC250 (coating dia. of 250µm in drop cable)	1 pair
	FH-FC-20 (coating dia. of 900µm in 2.0mm Sheath code)	1 pc
	FH-FC-30 (coating dia. of 900µm in 3.0mm Sheath code)	1 pair
	FH-60-LT900 (900µm dia. loose buffer fiber)	1 pair
Battery pack	BTR-09A (Li-ion) ^{*6}	1 pc
Battery charge cord	DCC-18	1 pc
DC power cord	DCC-12 (for cigar-socket)	1 pc
	DCC-13 (with alligator clamp)	1 pc
Electrodes	ELCT2-20A	1 pair
Transfer clamp	CLAMP-DC (for drop cable)	1 pc
J-plate	JP-06	1 pc

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

STANDARD PACKAGE

Description	Model No.	Q'ty
Fusion splicer	70R+	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	1 pair
Instruction manual CD	M-70+(Instruction Manual and PC software)	1pc
Quick reference guide	Q-70R+/19R+	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
V-groove cleaning brush	VCB-01	1pc

STANDARD PACKAGE



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