Fujikura 41S

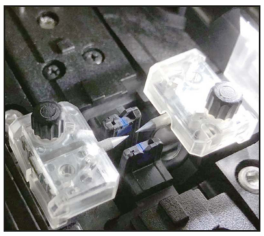
NEW

Core Sight Splicer

Single Fiber Fusion Splicer

Fujikura 41S

Active V-groove Alignment



- Core loss estimation function
- Touch panel with easy operation
- Bluetooth capability connection
- Multi-functional carrying case with integrated work station

Specifications and descriptions are subject to change without prior notice.

überreicht durch: **Opternus GmbH** Optische Spleiss- & Messtechnik

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Fujikura 41S

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 sheathclamp
Cleave length	5mm to 16mm with sheathclamp
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*2	Typical 200 cycles with BTR-11
Electrode life	Typical 5000 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	131W x 201D x 79H mm / 1300g (including battery)
Operating condition	Altitude : 0 to 5,000m above sea level, Wind : 15m/sec*4 Temperature : -10 to 50deg C, Humidity : 0 to 95%RH, non-dew
Resistance feature*5	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: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.

•Bluetooth® and Bluetooth logo is a registered trademark of Bluetooth SIG, Inc.

STANDARD PACKAGE

Description	Model No.	Q'ty
Fusion splicer	41S with BTR-11 and ELCT2-16B	1pc
Set plate	SP-31	1pair
AC adapter	ADC-19A	1pc
AC power cord	ACC-XX XX=08(JP),09(US),10(UK),11(EU),12(AU)	1pc
Carrying case	CC-36	1pc
Spare electrodes	ELCT2-16B	1pair
Instruction manual	M-41	1pc
Quick reference guide	Q-41S-E	1pc
Alcohol pot	AP-02	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 (900µm dia. loose buffer fiber)
Battery pack*6	BTR-11 (Li-ion)*
Electrodes	ELCT2-16B

*6:all senders have to obey 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*7
Ribbon fiber stripper	RS02 / RS03
Protection sleeve	FP-03 / FP-03 (L=40) and FPS01series

*7:Standard Packge includes SS03

STANDARD PACKAGE

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