



Core Alignment Fusion Splicer

88S

Designed to keep you going



Specifications

Item	Specification	
Fiber alignment method	Active core alignment	
Fiber count can be spliced	Single fiber	
Applicable fiber	Fiber type	Single mode optical fiber Multi mode optical fiber
	Cladding dia.	80 to 150µm
Applicable coating	Sheath clamp	Coating dia. : Max. 3,000µm Cleave length : 5 to 16mm
	Fiber splice performance	Splice loss
ITU-T G.651 : Avg. 0.01dB		
ITU-T G.653 : Avg. 0.04dB		
ITU-T G.655 : Avg. 0.04dB		
Splice time		ITU-T G.657 : Avg. 0.02dB Typical 7 sec.
Applicable protection sleeve	Sleeve type	Heat shrinkable sleeve
	Sleeve length	Max. 66mm
	Sleeve dia.	Max. 6.0mm before shrinking
Sleeve heat performance	Heat time	Typical 9 sec.
Fiber tensile test force	Approx. 2.0N	
Electrode life	Approx. 5,000 splices	
Physical description	Dimensions W	Approx. 170mm without projection
	Dimensions D	Approx. 173mm without projection
	Dimensions H	Approx. 150mm without projection
	Weight	Approx. 2.8kg including battery
Environmental condition	Temperature	Operate : -10 to 50°C Storage : -40 to 80°C
		Humidity
	Altitude	Max. 5,000m
AC adaptor	Input	AC100 to 240V, 50/60Hz, Max. 1.5A
Battery pack	Type	Rechargeable Lithium Ion
	Output	Approx. DC14.4V / 6,380mAh
	Capacity	Approx. 300 splice and heat cycles
	Temperature	Recharge : 0 to 40°C Storage : -20 to 30 °C
Display	Battery life	Approx. 500 recharge cycles
	LCD monitor	TFT 5 inches with touch screen
Magnification		200 to 320x
	Illumination	V-grooves
Interface	PC	USB2.0 Mini B type
	External LED lamp	USB2.0 A type Approx. DC5V, 500mA
Data storage	Ribbon Stripper	Mini DIN 6pin DC12V, Max. 1A
	Wireless *1	Bluetooth 4.1 LE
	Splice mode	100 splice modes
Screw hole for tripod	Heat mode	30 heat modes
	Splice result	20,000 splices
	Splice image	100 images
Other features	Automatic functions	Splice mode select by fiber type analysis
		Discharge power calibration
		Wind protector : open/close
		Sheath clamp : open
		Heater lid : open/close
	Heater clamp : open/close	
Reference guide	Video and PDF file stored in splicer	
Sheath clamp	Easy sleeve positioning clamp	
Electrode	Replaceable without tool	

88S Standard Package

Description	Model No.	Qty
(1) Core Alignment Fusion Splicer	88S	1pc
(2) Battery Pack*2	BTR-15	1pc
(3) AC Adapter	ADC-20	1pc
(4) AC Power Cord	ACC-15	1pc
(5) USB Cable	USB-01	1pc
(6) Fusion Splicer Strap	ST-02	1pc
(7) Electrodes (spare)	ELCT2-16B	1pair
(8) Fiber Holder Set Plate	SP-03	1pair
(9) Carrying Case	CC-39	1pc
(10) Work Table Left	WT-08L	1pc
(11) Work Table Right	WT-08R	1pc
(12) Work Table J-Plate	JP-09	1pc
(13) Tripod Screw	TS-03	2pcs
(14) Carrying Case Strap	CS-03	1pc
(15) Alcohol Dispenser	AP-02	1pc
(16) Quick Reference Guide	QRG-02-E	1pc
(17) Single Fiber Stripper	SS03	1pc
(18) Optical Fiber Cleaver	CT50	1pc
(19) Fiber Scrap Collector	FDB-05	1pc
(20) Fiber Setting Plate	AD-10-M24	1pc
(21) Case (for Cleaver)	CC-37	1pc
(22) Hexagonal Wrench	HEX-01	1pc

88S Options

Item	Model	Remark
Fiber holder	FH-70-250	250µm coating diameter
	FH-70-900	900µm coating diameter
	FH-FC-20	900µm in 2mm diameter cable
	FH-FC-30	900µm in 3mm diameter cable
DC Adapter	DCA-03	Connect AC adapter not through battery
DC power cord	DCC-20	Car cigar socket to BTR-15/DCA-03
	DCC-21	Car battery to BTR-15/DCA-03
Transfer Clamp	CLAMP-DC-12	Transferring drop cable on work tray
J-Plate	JP-10	Attaching to splicer, not to work tray
	JP-10-FC	JP-10 with fiber clamps
Protection sleeve	FP-03	60mm Max. 900µm coating diameter
	FP-03(L=40)	40mm Max. 900µm coating diameter
	FP-03M	FP-03 with non-magnetic material

*1: Bluetooth® mark and logos are the registered trademarks of Bluetooth SIG, Inc.

*2: Please follow IATA regulation when shipping the battery by air.

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