

Fusion Splicer 43S

Active V-Groove Alignment

Core Loss Estimation Function



Experience elevated connectivity with the Fujikura 43S Splicing Machine, now offered by Savitri Telecom. This cutting-edge solution integrates precision, speed, and adaptability, setting new benchmarks in splicing technology. The Fujikura 43S streamlines precise and swift splicing, providing advanced connectivity options and a sturdy construction to augment your network capabilities.

Key Features

- **Simultaneous Fiber Processing:** Facilitates simultaneous fiber stripping, cleaving, and setting for streamlined operations.
- **Removable Battery:** Equipped with a removable battery to ensure uninterrupted splicing, even in remote or challenging environments.
- **Smart Lock:** Incorporates a smart locking mechanism to guarantee secure and efficient splicing sessions.
- **Data Management:** Offers convenient data management capabilities for easy access and organization of splicing records and settings.
- **Movable Touch LCD Monitor:** Features a movable touchscreen LCD monitor, providing flexibility and optimal visibility during the splicing process.

43S Standard Package

Item	Model	Qty
Clad Alignment Fusion Splicer	43S	1 pc
(1) Battery Pack*	BTR-17	1 pc
(2) AC Adapter	ADC-21	1 pc
(3) AC Power Cord	ACC-08, 09, 10, 11 or 12	1 pc
(4) USB Cable	USB-01	1 pc
(5) Electrodes, for Spare	ELCT2-16B	1 pair
(6) Carrying Case	CC-45	1 pc
(7) Work tray	WT-10	1 pc
(8) Tripod screw	TS-03	1 pc
(9) Carrying case strap	ST-04	1 pc
(10) Alcohol dispenser	AP-02	1 pc
(11) Quick reference guide	QRG-08-E, C or J	1 pc
Single fiber stripper	SS05	1 pc
Optical fiber cleaver	CT50	1 pc
(1) Fiber scrap collector	FDB-05	1 pc
(2) Fiber setting plate	AD-16A	1 pc
(3) Case for cleaver	CC-37	1 pc
(3) Hexagonal wrench	HEX-01	1 pc

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

43S Options

Item	Model	Remark
Fiber holder	FH-70-200	200µm Coating Diameter
	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
Sheath Clamp	CLAMP-S35B	900µm Loose Buffer Cable
Fiber Holder Set Plate	SP-04	Fiber Holder Set Base
Transfer Clamp	CLAMP-DC-12	Transferring Drop Cable on Work Tray
Protection Sleeves	FP-03	60mm, Max. 900µm Coating Diameter
	FP-03(L=40)	40mm, Max. 900µm Coating Diameter

Specifications

Item		Specification
Fiber Alignment Method		Active Clad Alignment
Fiber count that can be spliced		Single Fiber
Applicable Fiber	Fiber Types	Single Mode Optical Fiber Multi-Mode Optical Fiber
	Cladding Diameter	Approx. 125µm
Applicable Coating	Sheath Clamp	Coating Diameter Max. 3000µm
		Cleave Length: 5 to 16mm
Fiber Splice Performance	Splice Loss	ITU-T G.652: Avg. 0.03dB
		ITU-T G.651: Avg. 0.01dB
		ITU-T G.653: Avg. 0.05dB
		ITU-T G.655: Avg. 0.05dB
		ITU-T G.657: Avg. 0.03dB
	Splice Time	SM FAST mode: Avg. 6 to 8sec.
Applicable Protection Sleeves	Sleeve Type	Heat Shrinkable Sleeves
	Sleeve Length	Max. 66mm
	Sleeve Diameter	Max. 6.0mm before Shrinking
Sleeve Heat Performance	Heat Time	60mm mode: Avg. 21 to 23sec.
		60mm Slim Mode: Avg. 16 to 18sec.
Fiber Tensile Test Force		Approx. 2.0N
Electrode Life		Approx. 6,000 Splices
Physical description	Dimensions W	Approx.131mm without Projection
	Dimensions D	Approx. 123mm without Projection
	Dimensions H	Approx.121mm without Projection
	Weight	Approx. 1.4kg including Battery
Environmental Condition	Temperature	Operate: -10 to 50 °C
		Storage: -40 to 80 °C
	Humidity	Operate: 0 to 95% RH Non-condensing
		Storage: 0 to 95% RH Non-condensing
	Altitude	Max. 5000m
AC Adaptor	Input	Ac100 to 240V, 50/60Hz, Max. 1A
Battery Pack	Type	Rechargeable Lithium Ion
	Output	Approx. DC14.4V, 3190mAh
	Capacity	60mm mode: Approx. 200 Splice and Heat Cycles
		60mm Slim Mode : Approx. 230 Splice and Heat Cycles
	Temperature	Recharge: 0 to 40 °C
		Long Term Storage: -20 to 30 °C
Battery Life	Approx. 500 Recharge Cycles	

Specifications

Display	LCD Monitor	TFT 4.95 Inches with Touch Screen
	Magnification	Approx. 132 to 300x
Illumination	V-Grooves	LED Lamp
Interface	PC	USB2.0 Mini B type
	External LED Lamp	USB2.0 A type Approx. DC5V, 500mA
	Wireless	Bluetooth 5.2
Data Storage	Splice Mode	100 Splice Modes
	Splice Image	100 Images
	Heat Mode	30 Heat Modes
	Splice Result	20,000 Splices
Screw Hole for Tripod		1/4-20UNC
Other Features	Automatic function	Fusion Control
		Blade management and control
	Reference Guide	PDF File Stored in Splicer
	Sheath Clamp	Open With/Without Wind Protector
		Close with Fiber Setting
		Easy Sleeve Positioning Clamp
	Electrode	Replaceable Without Tool



Quality Testing

Our products undergo rigorous quality testing before shipment to ensure their excellence.



Packaging

We meticulously package our products to guarantee they arrive at their destination in pristine condition.



Transport

We prioritize swift transportation, minimizing your waiting time to receive your order promptly.



Delivery

Our delivery service is designed to bring the products you've ordered directly to your doorstep, tailored to your specific preferences.