

Fujikura 35S

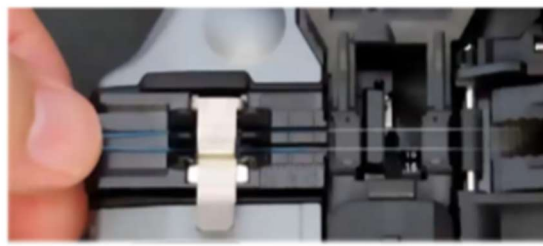
NEW

Clad Alignment Splicer



Active Fusion Control Technology

- **Smaller footprint**
- **For Splicing Single Fiber**
- **For Telecommunication Use**
- **"Simultaneous Fiber Preparation".**



 **Fujikura**

FUJIKURA 35S

Technical Specifications

Item		Specification
Fiber alignment method		Active clad alignment
Fiber count		Single fiber
Applicable fiber	Fiber type	Single mode optical fiber Multi-mode optical fiber
	Cladding dia.	80-150µm
Applicable coating	Sheath clamp	Coating dia.: Max. 3,500µm Cleave length: 5 to 16mm
	Fiber holder	Coating dia.: Refer to options. Cleave length: Approx. 10mm
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 7sec. SM AUTO mode: Avg. 8 to 10sec.
protection sleeve	Sleeve type	Heat shrinkable sleeve
	Sleeve length	Max. 66mm
	Sleeve dia.	Max. 6.0mm before shrinking
Return loss		≥ 60dB
Sleeve heat performance	Heat time	60mm mode: Avg.15 to 22sec.
		60mm slim mode: Avg. 15 to 17sec.
Fiber tensile test force		Approx. 2.0N
Electrode life		Approx. 6,000 splices
Physical description	Dimensions	Approx.131mm x 123mm x 121mm
	Weight	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. 5,000m
AC adaptor		Input: AC100 to 240V, 50/60Hz, Max. 1A Output: Approx. DC 19V, Max. 2.1A
Battery pack		Rechargeable Lithium Ion
	60mm mode 60mm slim mode	Approx. 200 splice-heat cycles Approx. 230 splice-heat cycles
Battery life		Approx. 500 recharge cycles
Display	LCD monitor	TFT 4.95 inches with touch screen
	Magnification	Approx. 132 to 300x
Illumination	V-grooves	LED lamp
Interface		USB2.0 Mini B type, Ext.: USB2.0 A type
Data Storage	Splice mode	100 splice modes
	Heat mode	30 heat modes
	Splice result	20,000 splices
	Splice image	100 images
Other Features	Electrode	Replaceable without tool

Standard Package

Item	Model	Qty
Clad Alignment Fusion Splicer	35S	1 pc
Battery Pack	BTR-17	1 pc
AC Adapter	ADC-21	1 pc
AC Power Cord	ACC-xx	1 pc
USB Cable	USB-01	1 pc
Electrodes	ELCT2-16B	1 pair
Carrying Case	CC-44	1 pc
Quick Reference Guide		1 pc
PC Setting Guide		1 pc
Warning and Cautions		1 pc
Splice Test Report		1 pc
Single Fiber Stripper	SS05	1 pc
Optical Fiber Cleaver	CT16	1 pc
Fiber Scrap Collector	FDB-06	1 pc
Fiber Setting Plate	AD-16A	1 pc
Hexagonal Wrench	HEX-01	1 pc
Instruction Manual	M-CT16-E	1 pc

35S OPTIONAL ITEMS

Item	Model No.
Battery Pack	BTR-17
Electrodes	ELCT2-16B
Fiber Holder	FH-70-250, FH-70-900, FH-60-DC250
Fiber Holder Set Plate	SP-04
Sheath Clamp	CLAMP-S35B for 900µm loose tube cable

CT16 OPTIONAL ITEMS

Item	Model No.
Fiber Setting Plate	AD-16B
Blade	CB-09
Clamp Arm	Clamp arm with anvil for replacement
Fiber Scrap Collector	FDB-06

