

Single Fiber Fusion Splicer 72S

Core Alignment



The 72S is a core alignment fusion splicer equipped with PAS (Profile Alignment System), ensuring precise core-to-core fiber alignment for consistent, low splice loss. Designed for accuracy and reliability, it delivers high-quality splicing performance across a wide range of fiber optic applications.

Key Features

- Core alignments Splicer
- Robust, shock, dust and rain resistant.
- Splice time 7Sec.
- Approx. 300 Splice and Heat Cycles
- 4.9" color LCD Touch Screen display.
- lightweight, 2.6 kg including battery.
- Dimensions of measurement- 157W x 178Dx 171H mm.
- Multi-functional carry case and work table accessories.
- USB2.0 Type C

72S Standard package

Item	Model	Qty
Core Alignment Fusion Splicer	72S	1 pc
Battery pack	BTR-19	1 pc
AC Adapter	ADC-22	1 pc
AC power cord	ACC-19	1 pc
USB Cable	USB-02	1 pc
Fusion splicer strap	ST-02	1 pc
Electrodes, for spare	ELCT2-16C	1 pair
Fiber holder set plate	SP-05	1 pair
Carrying case	CC-47	1 pc
Splice test report		1 pc
Alcohol dispenser	AP-02	1 pc
Instructional manual	PDF file store in splicer	
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

Specifications

Item		Specification
Fiber Alignment Method		Active core alignment
Fiber count that can be spliced		Single Fiber
Applicable Fiber	Fiber Types	Single Mode Optical Fiber Multi-Mode Optical Fiber
	Cladding Diameter	80 to 150µm
Applicable Coating	Sheath Clamp	Coating Diameter Max. 3000µm
		Cleave Length: 5 to 16mm
	Fiber holder	Coating Diameter refer to the option
		Cleave length: Approx 10mm
Fiber Splice Performance	Splice Loss	ITU-T G.652: Avg. 0.02dB
		ITU-T G.651: Avg. 0.01dB
		ITU-T G.653: Avg. 0.04dB
		ITU-T G.654: Avg. 0.04dB
		ITU-T G.655: Avg. 0.04dB
		ITU-T G.657: Avg. 0.02dB
	Splice Time	SM FAST mode: Avg. 7sec.
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 slim mode: Avg. 14 to 21sec.
		60mm Mode: Avg. 24 to 27sec.
Fiber Tensile Test Force		Approx. 2.0N
Electrode Life		Approx. 6,000 Splices
Physical description	Dimensions W	Approx.157mm
	Dimensions D	Approx. 178mm
	Dimensions H	Approx.171mm
	Weight	Approx. 2.6kg 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	
Display	LCD monitor	TFT 4.95 inches with touch screen
	Magnification	Approx. 320x
Illumination	V - Grooves	LED Lamp
Interface	PC	USB2.0 Type C (USB PD is available) USB 3.0 is unavailable for communication Only Power receiving function is available for PD
	External LED lamp	USB 2.0 A type Approx DC5V, 500mA
	Ribbon Stripper	Mini DIN 6pin DC12V.max 1A
Data Storage	Splice modes	100 splice modes
	Heat modes	30 Heat modes
	Splice Result	20000 splice
	Splice Image	100 images
AC Adaptor	Input	Ac100 to 240V, 50/60Hz, Max. 1.5A
	Outut	Approx DC 12V, Max. 5A
External Input	Input	DC10-15V, Max. 7A

Specifications

Battery Pack	Type	Rechargeable Lithium Ion
	Output	Approx. DC14.4V, 6380mAh
	Capacity	Approx. 300 Splice and Heat Cycles
	Recharge	4 to 6 hrs from empty
	Battery Life	Approx. 500 Recharge Cycles
Other features	Automatic functions	Splice start
		Heater start
		Sheath clamp : open
		Fusion control
	Special splice	Attenuation splice
	Electrode	Replaceable without tool
	Software update	Splicer firmware update via internet



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.