

Single Fiber Fusion Splicer 98S

Core Alignment



With its unparalleled splicing performance and brand-new, workflow-enhancing features, the 98S is built to help engineers increase their efficiency without compromising on the results.

Key Features

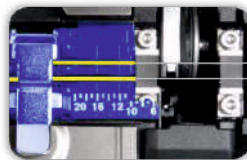
- Core alignments Splicer
- Robust, shock, dust and rain resistant.
- Splice time 7Sec.
- Approx. 300 Splice and Heat Cycles
- 4.95" color LCD Touch Screen display.
- lightweight, 2.6 kg including battery.
- Dimensions of measurement- 157W x 178Dx 171H mm.
- Multi-functional carry case and work table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

Simultaneous optical fiber preparation



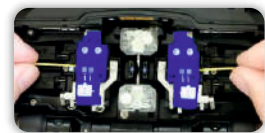
Stripping

The single fiber stripper SS05 can strip two optical fibers at the same time



Cleaving

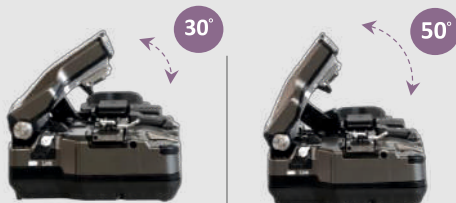
The optical fiber cleaver CT60 can cleave two optical fibers simultaneously.



Setting

When setting the optical fibers, the clamp cover closes automatically, allowing two optical fibers to be set simultaneously.

Adjustable lever opening angles



Optical fiber cleaver, CT60

By adjusting the lever opening angle, it is easy to use in various situations, whether on a tabletop or handheld

Increased number of blade positions



Blade CB10

By increasing the number of blade positions from 16 to 28 compared to the previous model, no need for blade height adjustment anymore

User friendly feature (GPS)

Location information acquired via GPS at the time of splicing is saved in memory. It helps with daily workflow management.



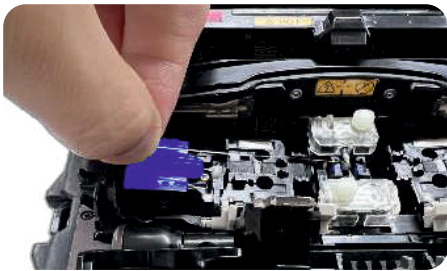
Linked with smartphone app

With the app Splice+, you can view the location information and splice results. Additionally, it is equipped with a locking function to prevent theft.



Simplified optical fiber set using the finger placement guide

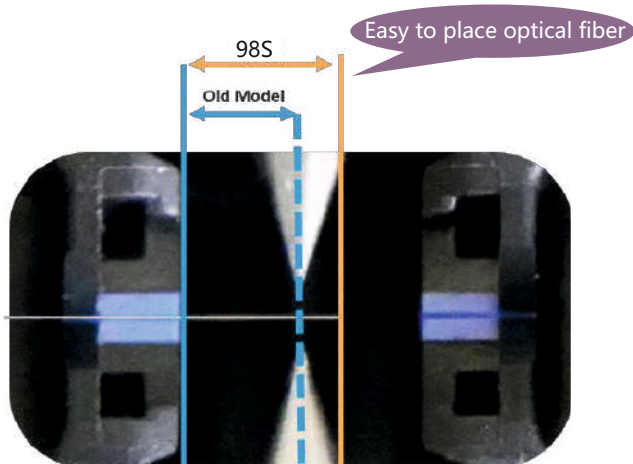
A V-shaped guide has been added to the optical fiber setting area. By aligning your finger with the guide, it has become easier to place the optical fiber accurately.



Finger placement guide

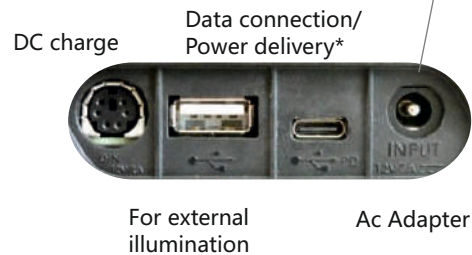
Expanded allowable range for optical fiber setting

It is possible to splice even when the optical fiber tip extends beyond the electrode



Wind protector with automatic open and close function

After setting the optical fiber, the wind protector closes automatically and opens automatically once the splicing process finishes.



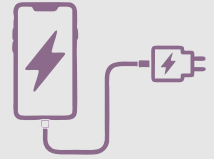
Splice coach function

Step by step instructions appear on the screen, allowing for seamless and confident work



Compatible with mobile batteries

Support charging via standard mobile, batteries, ensuring reliability even during sudden power loss



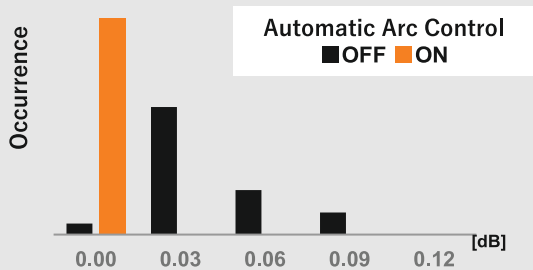
Please confirm that any mobile battery connected to this product meets USB PD standards and adhere to the mobile battery's precautions. Do not use mobile batteries that are incompatible with this machine.

Not just ease of use. Stable splicing quality with our standard features.



ACTIVE FUSION
CONTROL TECHNOLOGY

For optimal ARC condition



Splicing loss caused by large cleave angle $3^\circ < \theta < 5^\circ$

Optical fiber type and end-face condition are analyzed in real-time, and arc conditions are automatically adjusted for optimal performance. This ensures consistently low splice loss.



ACTIVE BLADE
MANAGEMENT TECHNOLOGY

For optimal Cleaving angle



Detects blade worn position! The blade condition is managed in real-time via Bluetooth. When worn position is detected, the blade automatically rotates to the next position, allowing work to be performed at the optimal position.

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 Dia: Refer to options 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 Dia	Max. 6.0mm before Shrinking
Sleeve Heat Performance	Heat Time	60mm slim mode: Avg. 5 to 10sec.
		60mm Mode: Avg. 8 to 15sec.
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. 2.7kg 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
	Wireless	Bluetooth 5.2LE
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
	Output	Approx DC 12V, Max. 5A
External Input	Input	DC10-15V, Max. 7A
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	Fully automatic cleaver blade management
		Wind protector: open and close
		Sheath clamp : open
		Heater lid: open and close
	Special splice	Attenuation splice
	Electrode	Replaceable without tool
Software update	Splicer firmware update via internet	

98S Standard package

Item	Model	Qty
Core Alignment Fusion Splicer	98S	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-48	1 pc
Work tray left	WT-11L	1 pc
Work tray right	WT-11R	1 pc
Work tray J-Plate	JP-11	1 pc
Tripod Screw (For splicer)	TS-04A	1 pc
Carrying case strap	ST-04	1 pc
Alcohol dispenser	AP-02	1 pc
Instructional manual	PDF file store in splicer	
Single fiber stripper	SS05	1 pc
Optical fiber cleaver	CT60	1 pc
Fiber scrap collector	FDB-07	1 pc
Fiber setting plate	AD-60A	1 pc
Hexagonal wrench	HEX-01	1 pc
Case for cleaver	CC-49	1 pc



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.