

S184PM-SLDF Fusion Splicer



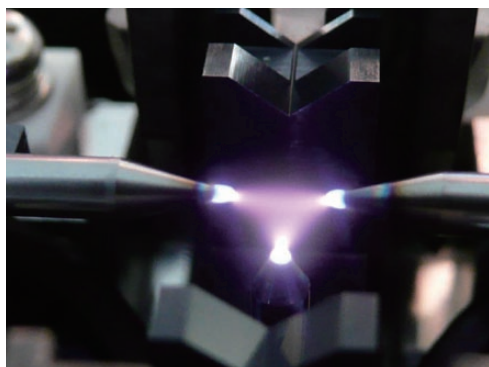
Featuring 3SAE Technologies' "Ring of Fire", this 3 phase wide area plasma splicer makes it possible for flame polish, core diffusion, as well as large cladding fiber splicing. It is perfect solution for advanced OEM, R & D, Production and other special applications.



NEW



FEATURES & APPLICATIONS:

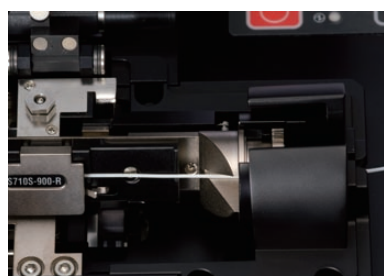
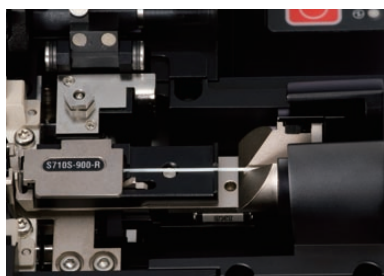
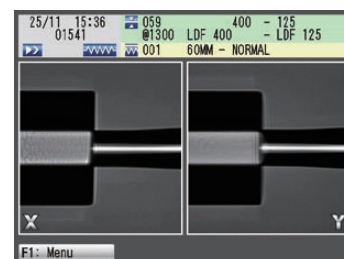


Three Electrodes

The S184PM-SLDF Fusion Splicer has three electrodes instead of the standard two electrodes. This groundbreaking technology makes the plasma field (temperature field) wider and adjustable.

Applicable Fiber

Applicable from clad diameter 80 μm up to 1200 μm .



Smooth Rotation Mechanism

The new rotation mechanism on the S184PM-SLDF Fusion Splicer allows PM fiber to rotate while keeping it straight and stable. This minimizes fiber twist, which can be detrimental to sensitive splicing applications.

Automatic Adjustment for Fiber Size / Length

The S184PM-SLDF Fusion Splicer automatically adjusts for different fiber coating, cladding sizes and cleaves length. There is no need to exchange electrodes, V-grooves, or fiber clamps.

Simple Operation

The S184PM-SLDF Fusion Splicer has been designed so that the user simply loads the fiber and closes the lid to begin the fusion process. The user can easily pick up the fibers after fusion splicing process.

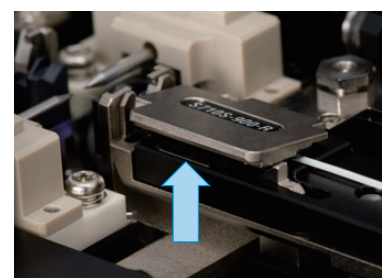
Intuitive Interface

The S184PM-SLDF Fusion Splicer features an intuitive GUI (graphical user interface) and transreflective LCD screen technology, the S184PM-SLDF operation is a snap! Function keys are simple and information displays are crisp and clear.



Large Monitor

The S184PM-SLDF Fusion Splicer has a large high resolution color monitor. The location of the monitor can be easily switched either to the front or back of the splicer depending on user preference.



SPECIFICATIONS:

Applicable Fibers	SM, MM, DSF, High Δ , PMF, LDF
Cladding Diameter	80 to 1200 μ m
Coating Diameter	160 to 2000 μ m
Cleave Length	5 mm with coating clamping / 9 to 11 mm with bare Fiber clamping
Typical Insertion Loss (Similar Fiber Splicing)	0.03 dB for identical SM
Typical Extinction Ratio (Cross Talk) (Similar Fiber Splicing)	-35 dB (1.0degree) for identical PANDA Fiber
Return Loss	>60 dB
Splice Time	20 seconds for identical SM 45 seconds for identical PMF (cladding clamping)
Heat Time	51 seconds for 60 mm sleeves 40 seconds for 40 mm sleeves
Splice Programs	11 Default / 150 Available
Heat Programs	9 Default / 12 Available
Applicable Sleeves	20 / 40 / 60 mm
Tensile Strength	typicla 300 kpsi (25 N) with high strength splice
Magnification	215X & 430X
Splice Memory	Max. 2000
Dimension	350 W \times 197 D \times 154 H mm
Weight	8.8 kg
Monitor	6.5" color LCD monitor
Video Output	Analog RGB
Data Interface	USB ver. 1.1 and LAN (10BASE-T)
Operating Temperature	0 to 40°C (without excessive humidity)
Storage Temperature	-40 to 60°C (without excessive humidity)
Power Source	AC 100 to 240 V (50 / 60 Hz) with 2 AC adaptors

STANDARD PACKAGE:

P / N	Description	Qty
S184-PS-A-0001	S184PM-SLDF Main Body	1
S968	Spare Electrodes for LDF	1 pair
S184-X-A-0003	Spare LDF Vertical Electrode	1
S184-X-A-0005	Spare Electrodes	1 pair
S184-X-A-0006	Spare Vertical Electrode	1
S974A	AC Adaptor	1
S975A	AC Adaptor	1
—	AC Cable	2
S183-X2-A-0010	Z Stage Lock	1 pair
S710S-250	250 μ m Fiber Holders	1 pair
S710S-400	400 μ m Fiber Holders	1 pair
S710S-900	900 μ m Fiber Holders	1 pair
S710S-LDF	Fiber Holders for LDF	1 pair
S184-X-A-0004	Change Tool of Vertical Electrode	1
D5111	Electrode Sharpener	1
—	Operation Manual	1

OPTIONAL COMPONENTS:

P / N	Description	Qty
S710S-080	160 μ m Coating Fiber Holders	1 pair
S183-X2-A-0002	Fiber Transporter	1 pair

"Ring of Fire" is a registered trademark of 3SAE Technologies, Inc. in the US.

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