

From Trunk to FTTX - The Next Generation

S122 SERIES

Hand-Held Fusion Splicer



P/N	Description	S122A	S122M4
S122-A-A-0001	S122A Splice Body	●	
S122-M-A-0001	S122M4 Splice Body		●
S122-X-A-0002	Soft Carrying Case	●	●
S122-X-A-0003	Strap	●	●
S709A-004	4-Ribbon Fiber Holders (pair)		●
S709S-250	250μm Fiber Holders (pair)	●	●
S943	Li-ion Battery	●	●
S957	AC Adapter	●	●
S958B	Battery Recharger	●	●
S966	Electrodes (pair)	●	●
D5111	Electrode Cleaning Disk	●	●
FTS-B291	Manual	●	●

OPTIONAL ACCESSORIES:

S122-X-A-0004	Working Table
S122-X-A-0005	Hard Carrying Case
S210	Fiber Stripper
S218R	Thermal Fiber Stripper
S325A	One-Action Precision Cleaver
S709A-002	2-Ribbon Fiber holders (pair)
S709S-900	900μm Fiber Holders (pair)
S945	High Capacity Battery
S959	DC Adapter



With its super low profile and new user interface, the Fitel S122 series fusion splicer offers next generation workability for every splicing field, FTTX, LAN, backbone, or long-haul installations. Combining the portability, power flexibility and field ruggedness of FITEl's previous generation of hand-held splicers with the proven quality and performance of our ribbon splicers, the S122 delivers fast and consistent splicing with outstanding mobility and extreme ease-of-use.

KEY FEATURES:

Superb Mobility and Workability

Super low profile design, with only 4.7cm height at the keypad, the S122 provides a stable working environment both on the work bench and palmtop. Attaching the S122 to the Work Table (optional) enables hands-free operation, as well as easy access to various work fields by folding the splicer upward.

Rugged Body

The top body and windshield are made of magnesium die-cast. The bottom body is protected with rubber corner pads. With its simple and flat shape, the S122 can survive during harsh conditions.

New GUI & LCD Screen

Featuring a new GUI (graphical user interface) and transreflective LCD screen technology, the S122 operation is a snap! Function keys are simple and information displays are crisp and clear even in direct sunlight.

Multi-Window Fiber Display

The LCD display shows the splicing process with simultaneous X and Y camera views, as well as status icons monitoring the machine conditions.

Fast and Accurate

The fast 13-second splice time and 37-second heat time creates a highly efficient work environment. The S122 observes the fiber from 2 directions just as all high-end splicers, promising high quality splice from trunk to FTTX.

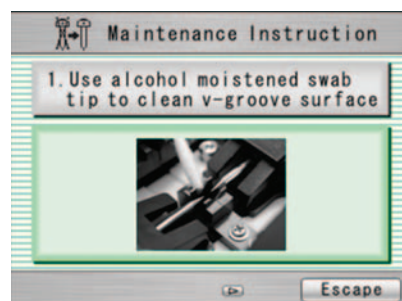
Enhanced Ease of Use

Memory for fiber image, counters for cleaver and stripper blade replacement and visual maintenance instructions are provided for your ease of use.



PRODUCT LINE UP:

Model	Application
S122A	Splicing for single fiber using Fiber Holder System
S122M4	Splicing for single fiber to 4-fiber ribbon using Fiber Holder System



SPECIFICATIONS:

Item	Specification
Fiber Types	SMF, MMF, DSF, NZDSF
Cladding Diameter	125µm
Coating Diameter	250µm to 900µm for single fiber 280µm to 400µm for ribbon (thickness) [S122M4 only]
Average Splice Loss	SMF: 0.05dB, MMF: 0.03dB DSF: 0.08dB, NZDSF: 0.08dB
Splice Time	13 sec. (S122A), 15 sec. (S122M4)
Heat Time	Single Fiber: 37 sec. (40mm), 51 sec. (60mm) Ribbon Fiber: 45 sec. (40mm)
Tension Test	1.96N
Applicable Sleeve Length	40/60mm
Program Memory	Splice Programs: Max. 150 Heat Programs: Max. 12
Splice Memory	Max. 1,500
Fiber Image Display	Simultaneous two-axis display Magnification 120X (S122A), 48X (S122M4)
Dimensions	140W x 189L x 73H mm
Weight	800g/1.8lb. (body), 170g/0.4lb. (battery)
AC Input	100 to 240VAC
DC Input	S943 Li-ion battery (11.1V, 2300mAh)
Battery Capacity	50 splices with heat shrink protection
Operating Temp.	-10C° to +50C°
Storage Temp.	-40C° to +60C°


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