

# SPARC™ FIRE FUSION SPLICERS



## SPARC™ FIRE Fusion Splicers: Precision, Speed and Savings

Engineered for fast splice times and low splice loss, SPARC™ FIRE Fusion Splicers deliver exceptional results with every fiber connection. Designed to save time and reduce waste, these reliable tools ensure accurate, efficient splices whether core or clad aligned, in single or ribbon fiber optical cables. Compact and easy to use, they're the perfect choice for professionals aiming to boost productivity and profitability.

SPECIFICATIONS	CORE (SPCO-1)	CLAD (SPCL-1)
Alignment Method	Core Alignment	Active V-Groove Clad Alignment
Number of Fibers	Single	
Typical Splice Loss	SM: 0.01dB / MM: 0.01dB / DS: 0.03dB / NZDS: 0.03dB / G.657: 0.0dB	SM: 0.03dB / MM: 0.01dB / DS: 0.05dB / NZDS: 0.05dB / G.657: 0.03dB
Splice Time	Quick Mode: Avg. 4 sec / SM Mode: Avg. 5 sec / Auto Mode: Avg. 7 sec	Quick Mode: Avg. 4 sec / SM Mode: Avg. 5 sec
Heating Time	Quick: 9s / Average: 13s	
Protection Sleeve	20 mm - 60 mm	
Battery	Battery Capacity: 7000mAh / Operation Cycle: 400+ cycles (Splicing + Heating)	
Magnification	x360, x520	
Motors	6	4



## R I B B O N

### SPECIFICATIONS

### RIBBON (SPRI-1)

Alignment Method

Core Alignment

Number of Fibers

Up to 12

Typical Splice Loss

SM: 0.01dB / MM: 0.01dB / OS: 0.03dB / NZDS: 0.03dB / G.657: 0.01dB

Splice Time

Quick Mode: Avg. 4 sec / SM Mode: Avg. 5 sec / Auto Mode: Avg. 7 sec

Heating Time

Quick: 9s / Average: 13s

Protection Sleeve

20 mm - 60 mm

Battery

Battery Capacity: 9000mAh / Operation Cycle: 300 cycles (Splicing + Heating)

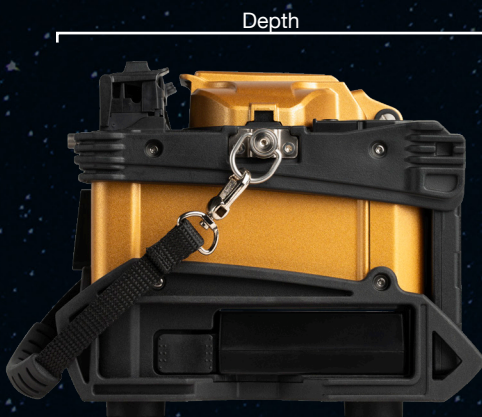
Magnification

x360, x520

Motors

6

### WEIGHT AND DIMENSIONS



#### CORE / CLAD

Depth 6.5 in

Width 6.2 in

Height 6 in

Weight 5.2 lb

#### RIBBON

Depth 6.8 in

Width 6.5 in

Height 6.5 in

Weight 6 lb

**BONUS TOOLS INCLUDED FREE!**

ITEM #	DESCRIPTION	CORE (SPCO-1)	CLAD (SPCL-1)	RIBBON (SPRI-1)
CWP-125	Pointed Cotton Swabs, Pack of 125	✓	✓	✓
FC-800	SPARC Blade Fiber Cleaver	✓	✓	✓
FDC-66	Fiber Scraps Disposal Can	✓	✓	✓
FW-5	Fiber Wipes, Wet (Pack of 5)	✓	✓	✓
JIC-186	Wire & Kevlar® Cutting Shears	✓	✓	✓
JIC-375	Fiber Optic Stripper, Three Hole	✓	✓	✓
PSI-15	Quick Sleever®	✓	✓	

**ADDITIONAL INCLUDED ACCESSORIES**

ITEM #	DESCRIPTION	CORE (SPCO-1)	CLAD (SPCL-1)	RIBBON (SPRI-1)
ADP-65JH	SPARC AC Adapter	✓	✓	✓
ADP-PC	SPARC Power Cable	✓	✓	✓
FH-SOC	SPARC SOC Holder	✓	✓	✓
FSP-B52	SPARC Battery Pack	✓	✓	✓
FSP-CL	SPARC Fusion Splicer, Clad Alignment	✓	✓	✓
FSP-CT	SPARC Cooling Tray	✓	✓	✓
FSP-E70	SPARC Electrodes (1 Spare)	✓	✓	✓
FSP-STP	SPARC Shoulder Strap	✓	✓	✓
H-2000	SPARC Carrying Case	✓	✓	✓
HH-SOC	SPARC SOC Heater Holder	✓	✓	✓
USB-CA	SPARC USB Cable 1	✓	✓	✓
USB-CAF	SPARC USB Cable 2	✓	✓	✓