

SR-K1 Fiber Optic Fusion Splicer

SR-K1 fiber fusion splicer is ideal for long-haul, CATV, Telco and LAN applications, it adopts video-camera based core-core alignment technology, offers quick, reliable and low-loss splicing.

The embedded self-detection system and splicing procedures keeps the machine work in the best condition. The machine is also user programmable for customer's specific applications.

Features

- ◆ 8s quick splicing
- ◆ Max. wind velocity 15m/s
- ◆ Core-core CDS system
- ◆ Self detection and embedded splicing procedures
- ◆ User Programmable
- ◆ Capable of 8000 max splice result storage
- ◆ Stable power supply configuration
- ◆ Multiple language such as Chinese, English, Korean
- ◆ RS232 interface for video output



Specifications

SPEC ITEMS	DESCRIPTION
Spicing mode selection	Auto or Manual
Alignment Type	Core-Core alignment
Applicable fibers	SMF(ITU-T G.652), MMF(ITU-T G.651), DSF(ITU-T G.653), NZDSF(ITU-T G.655), EDF
Fiber Diameter	Cladding : 100 μm ~ 150 μm , coating : 100 μm ~ 1000 μm (Single Fiber)
Fiber cleave length	8~22mm
Average splice loss	0.02dB(SM)、0.01dB(MM)、0.04dB(DS)、0.04dB(NZDS)
Return loss:	\geq 60dB
Splice time	splice time: 8 Sec., tube-heating: 40 Sec.
Mechanical proof test	2N
Protection sleeve length	20mm 、 40mm 、 60mm
Interface	RS232 interface & video output
Power supply	AC adaptor: 85~260V, 50 \pm 10Hz Input
	Internal battery: 12V voltage, 10Ah, more than 200 times of continuous splices and heats
	DC adaptor: 12V voltage, optional multipurpose external battery
Operation environment	-25~+50 $^{\circ}\text{C}$ (operation temperature), 0~95%RH (humidity), 0~5000m (altitude)
Storage environment	-40~ +80 $^{\circ}\text{C}$ (temperature) , 0~95%RH (humidity)
Dimensions	170 (W) x140 (H) x170 (D) mm
Weight	3.3kg

Packing List

<p>Arc Splicer</p> 	<p>Li-battery</p> 	<p>Charger</p> 	<p>AC Power Cord</p> 	<p>Adaptor</p> 	<p>Charger Cord</p> 
<p>Spare Electrodes</p> 	<p>Cleaver</p> 	<p>Stripper</p> 	<p>Cooling salver</p> 	<p>Carrying case</p> 	<p>Instruction Manual</p> 

Guarantee Policy

Shineoi guarantees the quality of Arc splicer and Li-battery only, the guarantee period is set to be:

- ✓ Fusion Splicer: 2 years
- ✓ Li-Battery: 3 months

NOTE

1, The guarantee period counts from day the customer received and confirmed the products, during the respective guarantee period, Shineoi will provide free repair, Shineoi don't accept equipment change except that the equipment is not repairable.

2, Shineoi is not responsible for any problem caused by customer's abuse of the products.