

S-23 Hollow Core Splicer

Product Overview

The Shinho S-23 hollow core splicer is a purpose-built speciality fusion splicer designed to overcome the unique challenges of Hollow Core Fibre (HCF). Unlike standard splicers that can collapse the delicate air-hole structures of HCF, the S-23 utilises advanced thermal control and dual-view alignment to ensure ultra-low loss and structural integrity.



Features and Benefits

- Fully automatic operation
- Storage: 10000/100 groups fusion records/images Real-time ARC calibration, adjustable ARC position
- Suitable for 125~250µm cladding fiber splicing
- Precise profile mode aligning technology
- Precise integrated propulsion and new focusing design

Specifications

MODEL	S-23 Hollow Core Splicer
Applicable Fibre	Telecommunication Fibers: SM/MM/DS/NZDS/EDF/ Hollow Core Fiber
Cladding Diameter	125~250µm
Coating Diameter	250~900µm
Cleaved Length	9~10mm(standard)
Alignment Method	Profile and fibre end-view available
Typical Splice Loss	SMF: 0.03dB; MMF: 0.02dB; NZDS:0.05dB; PMF 0.06dB; HCF:0.03dB
Typical Splice Time	SMF/MMF: 20 seconds; PMF: <90 seconds; HCF: <150 seconds
Return Loss	>60dB
Operation Mode	Manual/Auto
Heating Mode	Manual/Auto
Splicing Program	40 modes
Typical Heating Time	Typical 25s, could customise
Extinction Ratio	≥36.8dB(PANDA)
Electrode Life	>2000 times, easy to replace the electrodes



Data Storage	10000 groups fusion records, 100 groups images
Viewing Display	5" HD color LCD Monitor
Terminal	USB 2.0 port, for software upgrading, records exporting, RS232 port,output signal customisation
Dimension	330mm(L)x205mm(W)x172mm(H
PM Splicing Function	Support splicing at 0/45/90 degrees
Weight	6.3kg
Operating/Storage Condition	-10°C~ +50°C/-20°C~ +60°C
Power Supply/Battery	Adaptor, input: AC100~240V(50/60Hz), output: DC12.0V=10.0A/6800mAh

* Specifications subject to change without notice

Ordering Information

Standard Package Includes:

Item	Quantity
Fusion Splicer	1pc
Fibre Holder(250/400/500)	2pair
Fibre Stripper(250/400)	3pc
Spare Electrodes	1pair
Fiber Adapter	1pair
User Manual(USB drive)	1pc
Power Adapter	1pc
Power Plug	1pc
Carrying Case	1pc

