



Designed for Polarization Maintaining Fiber



## Features

- \* Core to core alignment, low splicing loss
- \* End-view and Profile observation and alignment
- \* Arc automatic calibration and splicing
- \* PM fiber 0, 45 and 90 degree alignment
- \* Applicable to variety fibers splicing, such as Panda ,bow-tie and elliptical fiber



# S-12PM Polarization Maintaining Fiber Fusion Splicer

## SPECIFICATIONS

Applicable fiber	MMF(ITU-G651),SMF(ITU-G652), NZDS(ITU-G655),DS(ITU-G653),
PM fiber	Panda fiber and other type PMF
Cladding diameter	80 ~ 125 $\mu$ m
Coating diameter	< 900 $\mu$ m
Typical splice loss	SMF:0.03dB MMF:0.02dB NZDS,DS:0.05dB,PMF 0.06dB
Extinction ratio	-32dB(PANDA)
Cleaved length	8-10mm
Alignment method	Profile and End-face alignment
Splicing program	40group
Operation mode	Manual/ Automatic
Typical splice time	Unpolarized fiber: 15seconds; PM Fiber:45seconds
Typical heating time	30 seconds
Viewing display	Dual high sensitivity camera, 5 inch 800*480 LCD Monitor
Data storage	4000 groups data records
Tension test	1.8 ~ 2.25N
Interface	GUI menu interface, easy for operation
Power supply	Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V
Terminals	USB 2.0 port, for software upgrading, records exporting
Operating condition	0 ~ 40°C Not frosted
Dimension/Weight	300mm*210mm*160mm /5.1kg

## PACKAGE



Fusion splicer



Fiber cleaver for 125 $\mu$ m



Fiber stripper



Spare electrodes



Fiber holders



Power adapter



Power plug



User manual



Strap