

Fusion splicer for polarization maintaining fiber

SUMIOFCAS Type-37PM



Equipped with automatic polarization axis alignment function and capable of splicing polarization maintaining fibers

Standard package

Item	Quantity	Type
●TYPE-37PM main unit	1pc	
●AC power cord	1pc	PC-AC4
●V-groove brush	1pc	
●Spare electrodes	1 pair	ER-6
●Operation manual	1pc	
●Carrying case	1pc	

Optional Tools

Item	Type
●PLP Lamp	VPLP-1550FD
●Polarization extinction monitor	VPMM-100

Features

- Automatic polarization axis alignment function with image data processing.
- Attaching optional light source and extinction ratio measurement instrument to the T-37PM and measuring extinction ratio bring automatic polarization axis alignment with more accuracy.
- Optical system with no mirror gives you much easier cleaning and maintenance.
- Automatic arc test enables splicing with a variety of fiber types.
- 5.6 inch large TFT color monitor provides clear fiber image.

Specifications

Applicable fiber

Material	/ Silica glass
Fiber type	/ PMF, SMF, MMF
Cladding diameter	/ 125 μ m
Coating diameter	/ 0.25mm
Cleave length	/ 9~16mm
Clamping method	/ Glass clamp

Standard performance

Splice loss (Our own identical fiber splicing)	
(Typical) / (PMF).....	0.07dB
(SMF).....	0.02dB
(MMF).....	0.01dB
Polarization extinction ratio (Typical) / More than 32dB (With option)	
Optical angle shift on polarization extinction ratio / Less than 0.5	
Heater cycle time / Approx. 90 seconds (With 60mm sleeve)	

Splice programs / 35 (max.)

Alignment method / Core alignment (PM, SMF)
/ Diameter alignment (PM, SMF, MMF)

Heating programs / 4 (max.)

Functions

- Automatic / manual polarization axis alignment function with image data processing
- Splice data storage (1,000 splicing)
- Screening of spliced portion (tension 1.96N(200gf))
- Automatic Arc test

Dimensions

Size (main body) / 450(W) x 290(D) x 150(H) mm (Without protrusion)
Weight / Approx. 14kg
TV monitor / 5.6-inch large TFT color monitor

Power source / AC 100-240V (50/60Hz)