



IOT-69 Core Alignment Fusion Splicer.

- 3.5" TFT Colour Display
- Built-in OPM & VFL
- 1.28 KG
- Singlemode or Multimode Fibre
- Step-by-step splicing

	Parameters
Applicable Optical Fibre Types	SM, MM, DS, NZDS, UI, BUI, EDF
Applicable fibre core number	Single core
Number of motors	4
Alignment method	Core alignment, cladding alignment, fine alignment
Applicable fibre diameter	Cladding Diameter:125-150µm, Coating diameter:250~1000µm
Splicing mode	Pre-stored: 8 groups, user define: 792 groups
Splicing method	Electric arc fusion welding
Splicing function	Step-by-step splicing (semi-automatic and manual), automatic splicing
Start up time	3s
Average splicing loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return loss	Better than 60dB
Splicing time	10sec(typical mode)/8sec(fast mode)
Splicing loss evaluation	Exists
Tension test	Min. 2N
Display	3.5-inch TFT true colour LCD display
User-device interaction mode	Buttons
Fibre Magnification	X and Y:115 times, X or Y:230 times
Power supply	11.1V Lithium battery, 13.5V/5A power adapter
Battery	Typically170 times(splicing/heating), full charge: 2.5H, recharge cycle: 500 times,
Power-saving function	Support setting power saving mode to achieve power saving function
Storage	10000 records
Electrode lifetime	5000
Data Interface	USB2.0
Operating Environment	Elevation: 0~5000m, Relative humidity 0~95% (no condensation), working temperature -20°C~55°C, maximum wind speed 15m/s
Storage Environment	Relative humidity 0~95% (no condensation), temperature -40°C 80°C, temperature -10°C~40°C (battery)
Weight	1.28KG
Size	210Dx133Wx105H(mm)
	OPM
Measuring range	-70~+26dBm
	VFL
Power	15mW

SpliceMode		
Fiber type	SM	▲
Splice operate mode	Semi-Auto	
Splice program No.	SM-1	
Edit splice program	Enter	
Clean arc time	120ms	
Surface angle threshold	3.0°	▼
X Y Back Enter		

Records		
Total arc number	276	▲
Clear arc count	Enter	
Total records	272	
View records	Enter	
Delete records	Enter	
Query fault records	Enter	▼
X Y Back Enter		



The IOT-69 is available from the UK distributor and their agents.

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