



Setting the Standards

Fusion Splicer



Description	<p>Oxin Core-Alignment Fusion Splicer, OFS-60S, with the new DACAS (Digital AnalysisCore Alignment System) is one of the most dependable splicers on the market. The Fiber Master splicer features a rubberized design for field use in harsh weather conditions. The OFS-60S has a friendly, intuitive GUI (Graphical User Interface) with a 5 inch color LCD screen that is easy to see. The sizeable, large battery capacity at full charge allows for up to 150 splices. Amazingly, the OFS-60S splicer is the most reliable and user friendly Core Alignment splicer in the world.</p>
Features and Benefits	<ol style="list-style-type: none">1. Splicing methode: DACAS (Digital Analysis Core Alignment System)2. X&Y display or X/Y single display3. Auto check & display cleave angle and offset angle4. Display fiber core & clad offset5. 5.7 inch color LCD6. Software update via USB port7. Up to 150 splice & heating cycles
Applications	<ul style="list-style-type: none">● Fiber optic network installation● Fiber connector installation● Optoelectronic device manufacturing

Fusion Splicer Characteristics



Simply exchange of electrodes



Bright LED for dark environment



Illuminated keypads



Changeable holder for multi-functional splicing

Protected by Tempered glass LCD
Clear core image
User-friendly smart GUI



Waterproof



Anti Shock



Dustproof

Fusion Splicer Standard Package



1. Oxin Fusion Splicer OFS - 60S
2. Power Adapter
3. AC Power Line
4. Alcohol Bottle
5. Cooling Tray
6. Backup Electrode Bar
7. Tweezers
8. Brush
9. Fiber Cleaver
10. Cleaver Pouch
11. Shoulder Strap
12. LCD Cover
13. Carrying Case

Fusion Splicer

Ordering Information	Description	Part Number
	Fusion Splicer	OFS-60S
Packaging	Description	
	Cardboard box, 1 unit per box	
Technical Characteristics	Parameter	Value
	Applicable fiber type	SM, MM, DS, NZDS
	Applicable fiber count	Single
	Applicable fiber diameter	Cladding diameter of 80 ~ 150µm Coating diameter 100 ~ 1000µm
	Cleaved length	Coating diameter < 0.25mm : 8-16mm Coating diameter > 0.25mm : 16mm minimum
	Average splice loss	0.02dB (SM), 0.01dB (MM) 0.04dB (DS), 0.04dB (NZDS)
	Splicing time	9 sec (average SM)
	Heating time	30s (typical time)
	Protection sleeve	40mm, 60mm
	Splice storage	4,000
	Optical magnification	X / Y: 150 times, X, or Y: 300 times
	Splice program	53 (template), 40 (user)
	Heat program	9 (template), 24 (user)
	Return loss	≥ 60dB
	Electrode lifespan	2,500 arcs
	Tensile test	2N
	Data interface	USB 2.0
	Power supply	AC 100-240V with AC adapter Inner Li-battery (7800mAH) DC 13.5V
Battery	Typical operating 160 (splice / heat shrink)	
Physical Characteristics	Parameter	Value
	Dimensions	150 mm x 150 mm x 150 mm
	Weight	3.05 Kg
Mechanical Characteristics	Parameter	Value
	Operating temperature	-10 ~ 50°C
	Storage temperature	-40 ~ 80°C
	Relative humidity	≤ 95%
	Altitude	0 ~ 5000m
Wind Protection	≤ 15m/s	



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