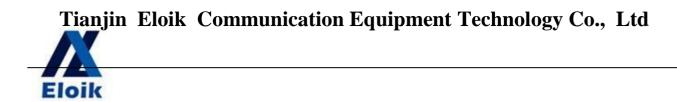




Tianjin Eloik Communication Equipment Technology Co., Ltd



ALK-A3 Optical Fiber Fusion Splicer

1. Technology Indexes

Table 1-1 Main technical indexes

Applicable Optical	SM (G.652/G.657), MM (G.651), DS (G.653), NZDS (G.655),		
Fiber Types	EDF,BIF/UBIF (G.652/G.657), MM (G.651), DS (G.653), NZDS (G.655),		
Applicable Optical			
Fiber Core Number	Single core		
Applicable Optical	Cladding Diameter: 90-150µm,Coating diameter: 125~1000µm		
Fiber Diameter	Clauding Diameter. 90-150µm, Coating diameter. 125° 1000µm		
Fusion splice Model	Prestore:40 groups, User define: 80 groups		
A verage Fusion Splice			
Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)		
Echo Loss	better 60dB		
Fusion splice Duration			
Time	7sec(typical parameter)		
Heating time	Fusion-Protection Sleeves 15s Fast heating (customizable)		
Number of motors	4/6 optional		
Password control	Optional		
Operation method	Simple to use, one-touch operation, automatic welding with cover		
Corrosion	Equipment components, Parts and materials meet composite anti-corrosion		
Resistance	requirements, Anti-fluid pollution		
	Require additional configuration platform		
Working aloft			
Alignment	Core alignment, Cladding alignment, Precise Alignment		

Tianjin Eloik Communication Equipment Technology Co., Ltd

-	
	Y

Loss Estimation of			
Fusion Splice	Exist		
Optional Fixtures	0.9, 250, 3.0 seprately Holders		
LCD screen	LCD screen is resistant to impact, scratches, and protective shell		
Splice Records	Can detect the angle and verticality of the recording fiber and the angle between the fibers		
Night work lighting	Double LED Whitelight		
Arc Calibration	Automatic / Semi-automatic (optional)		
Splicing Picture	No		
Applicable Optical	2mm,3mm,4mm,6mm		
Fiber Cable			
Applicable Sleeve	60mm, 45mm, 40mm(FP-03)		
Length			
Heating	Below 200°C(customizable)		
Fiber Cleaver	Standard cutting knife		
Body Color	Red		
Power system	Lithium battery: Fire Protection; Explosion Protection		
protection program	High Temperature Protection,		
Password	Authorized control usage time and welding times		
Tension Test	2N or more (optional)		
	5-inch color LCD, Chinese, Traditional Chinese, Thai, English, German,		
Monitor	Polish, Russian, Portuguese, Spanish, Vietnamese, Italian, French,12 radios		
Optical Fiber			
Magnification Times	X/Y:115 times, X or Y:230 times		
Power Supply	11.1V lithium battery, 13.5V/5A power adapter		
	Typical work more than 200 times (welding / heating), single charge 3H, can be recharged 50		
Battery	times, 5200HA lithium battery		
Splice Results Storage	10000 Records		
Data Interface	USB2.0		
	Elevation:0~5000m, Relative humidity:0~95%, Temperature:-20°C~55°C,		
Operating Environment	Maximum wind speed:15m/s		
	Relative humidity:0~95%, Temperature:-40°C~80°C (Except		
Storage Environment	Battery), Temperature:-10°C~40°C (Battery)		

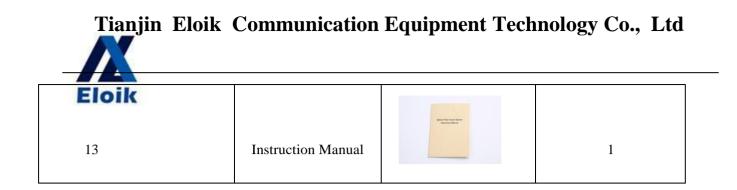
Tianjin Eloik Communication Equipment Technology Co., Ltd

Weight of the		
Equipment	1.51kg(without battery), 1.91kg(with battery)	
Size	145D×143W×158H(mm)	
Applicable Optical		
Fiber Cable Diameter	250μm, 900μm, 2~3mm	
Applicable Sleeve		
Length	60mm, 45mm, 40mm(FP-03)	
Heating temperature	180~250°C	

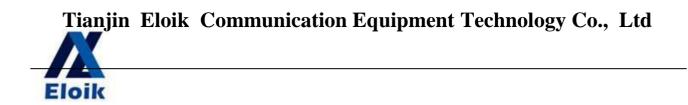
Standard Package

Serial Number	Description	Diagrammatic Sketch	Quantity
1	ALK-A3 Optical Fiber Fusion		1
2	Power Adapter		1
3	AC Power Line		1
4	Backup Electrode Bar		1

Tianjin Eloi	ik Communication	Equipment Tech	nology Co., Ltd
Eloik			
5	Plastic tweezers		1
6	Multi-function jig	All Fiber 117.02.04.975	1
7	Cooling Tray		1
8	Carrying Bag		1
9	Miller Pincers		1
10	Cleaver		1
11	Stripper		1
12	Dust- Blowing Ball With brush	0-	1







Host of fusion splicer

