

# ALK-A3

World's Quickest  
Splicing 7sec



## OPTICAL FIBER FUSION SPLICER



### ○ Fast

- ..7s Fast Splicing

### ○ Great performance;

- ..Core to Core Alignment Technology
- ..High Quality, Low Loss, Typical Splicing Loss SM ≤ 0.02dB, MM ≤ 0.01dB

### ○ High Reliability;

- ..Water, Dust, Wind Resistance
- ..Titanium Alloy Body, 5 Directions Anti-shock Bar, Connection Points Reinforced With Gel
- ..Software Online Upgrade Through Internet
- ..24 hours Online Technical Support

# ALK-A3

## Specification;

Applicable optical Fiber Types	SM (G.652/G.657), MM (G.651), DS (G.653), NZDS (G.655), 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 Fiber Diameter	Cladding Diameter: 90-150µm, Coating diameter: 125~1000µm
Fusion splice Model	Prestore: 40 groups, User define: 80 groups
Average Fusion Splice Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Echo Loss	Better than 60db
Fusion splice Duration Time	9sec (typical parameter)
Loss Estimation of Fusion Splice	Exist
Tension Test	2N or more (optional)
Monitor	5-inch LCD screen, 10 kinds of languages, Chinese, Thai, English, German, Polish, Russian, Portuguese ect.
Optical Fiber Magnification Times	X/Y: 200 times, X or Y: 400 times
Power Supply	11.1V lithium battery, 13.5V/5A power adapter
Battery	Typical work more than 200 times (welding/heating), single charge 3H, can be recharged 500 times, 5200HA lithium battery
Splice Results Storage	10000 Records
Data Interface	USB2.0
Operating Environment	Elevation: 0~5000m, Relative humidity: 0~95%, Temperature: -20°C~55°C, Maximum wind speed: 15m/s
Storage Environment	Relative humidity: 0~95%, Temperature: -40°C~80°C (Except Battery), Temperature: -10°C~40°C (Battery)
Size	145D × 143W × 158H (mm)
Night work lighting	Double LED Whitelight
Applicable Optical Fiber Cable Diameter	250µm, 900µm, 2~3mm
Applicable Sleeve Length	60mm, 45mm, 40mm (FP-03)
Heating time	Fusion-Protection Sleeves 22s Fast heating (customizable)
Heating temperature	Below 200°C (customizable)

## Standard Package:



## Dimension:



Water resistance Sand resistance Shock resistance Falling test

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