

KIM-A9 Optical Fiber Fusion Splicer



Features

- **World's Quickest**
- 7s Fast splicing
- 15s V-groove Fast Heating
- Monitor 5 inches Colorized LCD
- Splice Results Storage 10000 groups of the latest records
- Average Splice Loss : 0.02dB (SM), 0.01dB (DS), 0.04dB (BIF/UBIF)
- Double core align structure
- 6,800mAh Lithium battery, work more than 260 times

- **High Reliability**
- Strengthen shockproof, waterproof, dustproof, wind resistance
- Low power consumption design with long time work

Specification

MODEL	KIM – A9
<i>Applicable optical Fiber Types</i>	SM(G.652/G.657), MM(G.651), DS(G.653), NZDS(G.655), EDF BIF/UBIF (G.652/G.657)
<i>Applicable Optical Fiber Core Number</i>	Single Core
<i>Fiber Cleaved Length</i>	8 to 16 mm
<i>Applicable Optical Fiber Diameter</i>	Cladding diameter : 90-150 μ , Coating diameter : 125 ~ 1000 μ
<i>Fusion Splice Model</i>	Prestore : 40 groups, User define : 80 groups
<i>Average Splice Loss</i>	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)
<i>Echo Loss</i>	Better than 60dB
<i>Splicing Time</i>	7 second (typical parameter)
<i>Heating Time</i>	Fusion-Protection Sleeves 15s Fast Heating (Customizable)
<i>Number of Motors</i>	4/6 optional
<i>Password Control</i>	Optional
<i>Operation Method</i>	Simple to use, one-touch operation, automatic welding with cover
<i>Corrosion Resistance</i>	Equipment components, Parts and materials meet composite anti-corrosion requirements, Anti-fluid pollution
<i>Working Aloft</i>	Require additional configuration platform
<i>Alignment</i>	Core alignment, Cladding alignment, Precise alignment
<i>Loss Estimation of Fusion Splice</i>	Exist
<i>Optional Fixtures</i>	0.9, 250, 3.0 separately Holders
<i>LCD Screen</i>	LCD Screen is resistant to impact, scratches, and protective shell
<i>Splice Record</i>	Can detect the angle and verticality of recording fiber and the angle between the fibers
<i>Night work lighting</i>	Double LED Whitelight
<i>Arc Calibration</i>	Automatic / Semi-automatic (optional)

Specification

MODEL	KIM – A9
<i>Applicable Optical Fiber Cable</i>	2mm, 3mm, 4mm, 6mm
<i>Diameter</i>	250μm, 900μm, 2~3mm
<i>Applicable Sleeve Length</i>	60mm,45mm, 40mm (FP-03)
<i>Heating</i>	Below 200°C (customizable) and 180-250°C (temperature)
<i>Fiber cleaver</i>	Standard cutting knife
<i>Power System Protection Program</i>	Lithium battery: Fire Protection; Explosion Protection High Temperature Protection, Circuit Board: Over-current and Over-voltage Protection
<i>Password</i>	Authorized control usage time and welding times
<i>Tension Test</i>	2N or More (optional)
<i>Monitor</i>	5-inch color LCD. Languages; Chinese, Traditional Chinese, Thai, English, German, Polish, Russia, Spanish, Vietnamese, Italian, French
<i>Optical Fiber Magnification Times</i>	X/Y : 115 times, X or Y : 230 times
<i>Power Supply</i>	11.1V Lithium battery, 13.5V/5A power adapter
<i>Battery</i>	Typical work more than 260 times (welding/heating), Single charge 3 Hour, can be recharged 500 times, 6800 mAh lithium battery
<i>Splice Results Storage</i>	10,000 records
<i>Data Interface</i>	USB.20
<i>Operating Environment</i>	Elevation:0~5000m, Relative humidity:0~95%,Temperature:-20°C~55°C, Maximum wind speed:15m/s
<i>Storage Environment</i>	Relative humidity:0~95%, Temperature:-40°C~80°C (Except Battery), Temperature:-10°C~40°C (Battery)
<i>Weight of the Equipment</i>	1.51 kg. (without battery), 1.91 kg (with battery)
<i>Size</i>	145D*143W*158H (mm)