

# KIM A-6 Optical Fiber Fusion Splicer



## Features

- **World's Quickest**
- 7s Fast splicing
- 16s 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)
- Based on the principle of PAS (Lateral Projection System),
- Double core align structure
- 6,800mAh Lithium battery, work more than 280 times
  
- **High Reliability**
- Strengthen shockproof, waterproof, dustproof, wind resistance
- Low power consumption design with long time work
- Three years warranty, lifelong time repair service

## Specification

MODEL	KIM – A6
<i>Applicable optical Fiber Types</i>	SM (single mode), MM (multi-mode), DS (dispersion shift), NZDS (non zero dispersion shift)
<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 : 80-150 $\mu$ , Coating diameter : 100 ~ 1000 $\mu$
<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), 0.04dB (BIF/UBIF)
<i>Echo Loss</i>	Better than 60dB
<i>Splicing Time</i>	9s (typical parameter) / 7s (fast mode)
<i>Lifetime of Electrode</i>	3,500 time, up to 4,500 time (calibration)
<i>Loss Estimation</i>	Exist
<i>Tension Test</i>	2N
<i>Applicable Protection Sleeve Length</i>	20mm-60mm
<i>Monitor</i>	5 inch colorized LCD. Support in Chinese, English, Spanish, Russian, and other
<i>Magnification Times</i>	X/Y : 200 times, X/Y : 400 times
<i>Power Supply</i>	6,800mAh Lithium battery, 13.5V/5A power adapter
<i>Battery</i>	Typically work more than 280 times (Fusion splicing / Heating / Hot stripping), Single battery charge 3hours, can be recycled 500 times
<i>Splice Results Storage</i>	1,000groups of the latest records

## Specification

MODEL	KIM – A6
<i>Data Interface</i>	USB2.0
<i>Operating Environment</i>	Elevation : 0 ~ 5,000m / 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</i>	1.56kg (without battery) / 1.81kg (with battery)
<i>Dimension</i>	158D x 138W x 138H (mm)
<i>High altitude operation</i>	Cornering, machines can be directly hung on the operators neck normal operation
<i>Environment monitor</i>	Prompt automatically user to do calibration and arc correction when monitoring change to temperature, humidity and altitude
<i>More fixture options</i>	Rubber – insulated fiber, bare fiber, round fiber and butterfly fiber can use both single and mufti – function fixture
<i>Safety protection</i>	Electric system protection scheme : lithium battery is proof of fire, explosion and high temperature ; circuit board is proof of over current and over voltage
<i>Quality record</i>	Fiber angle, perpendicularity and the angle between two fibers can be checked in the splicing record
<i>Enforce Splicing</i>	Enforce splicing is available for user's need
<i>Lighting in the night</i>	Two LED white light
<i>ARC Correction</i>	Manual button/Automatically correction/two options available
<i>Splicing Picture</i>	Storage 10 pieces pictures