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Kimtech
COMMUNICATIONS

**High Quality Optical Fusion Splicer
Model KIM-A6 Germany Technology**

3 Year warranty by KIMTECH



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(MM), 0.04dB(DS), 0.04dB(NZDS),
0.04dB (BIF/UBIF)**

Double core align structure

KIM-A6

Optical Fiber Fusion Splicer

Fast:

- 7s Fast Splicing
- 16s V-groove Fast Heating

Great performance:

- Based on the principle of PAS (Lateral Projection System), Double core align structure
- Optical Fiber Magnification Times: X/Y: 200 times, X or Y: 400 times
- Trunk network splicing
- Average using Splice Loss SM ≤ 0.02 dB, MM ≤ 0.01 dB
- 6800mAh Lithium battery, work more than 280 times
- 5 inch color screen resistance of high strength impact

High Reliability:

- Strengthen shockproof, Water, Dust, Wind Resistance
- Low power consumption design with long time work
- Three years warranty, lifelong time repair service

Specification:

Applicable Optical Fiber Types	SM(Single mode), MM(Multi-mode), DS(Dispersion shift), NZDS(Non zero dispersion shift)
Applicable Optical Fiber Core Number	Single core
Applicable Optical Fiber Diameter	Cladding diameter: 80-150 μ m, Coating diameter: 100~1000 μ m
Fusion Splice Model	Prestore:40 groups, User define: 80 groups
Average Splice Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS), 0.04db(BIF/UBIF)
Echo Loss	Better than 60dB
Splicing Time	9sec(typical parameter) /7 the sec (fast mode)
Loss Estimation	Exist
Tension Test	2N
Monitor	5 inches colorized LCD, Support in both Chinese and English, Spanish, Russian, French, Portuguese and other display
Magnification Times	X/Y:200times, X or Y:400 times
Power Supply	6800mAh Lithium battery, 13.5V/5A power adapter
Battery	Typically work more than 280 times(Fusion splicing/Heating/Hot stripping), Single battery charge 3Hour, can be recycled 500 times
Splice Results Storage	10000 groups of the latest 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)
Weight	1.56kg(Without Battery), 1.81kg(With Battery)
Dimension	158D \times 138W \times 138H(mm)
High altitude operation	Cornering, machines can be directly hung on the operators neck normal operation
Environment monitor	Prompt automatically user to do calibration and arc correction when monitoring change of temperature, humidity and altitude
More fixture options	Rubber-insulated fiber, bare fiber, round fiber and butterfly fiber can use both single and multi-function fixture
Safety protection	Electric system protection scheme: lithium battery is proof of fire, explosion and high temperature; circuit board is proof of over current and over voltage
Quality record	Fiber angle, perpendicularity and the angle between two fibers can be checked in the splicing record
Enforce Splicing	Enforce Splicing is available for user's need
Lighting in the night	Two LED white light
ARC Correction	Manual button/Automatically correction, two options available
Splicing Picture	Storage 10 pieces pictures

Ordering Information

KIM-A6 Fusion Splicer kit Includes Optical Fiber cleaver

Each Fusion Splicer comes with

- Power cord 1 EA.
- Recharge battery pack 1 EA.
- Spare Electrode 1 pair
- Cooling Tray 1 pc.
- Fiber Stripper 1 pc.
- Operation manual 1 pc.
- Alcohol bottle with alcohol 99.9% 1 bottle
- Kimtech Kim wipe 1 box
- Hard Carry case
- Car charger

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