

# ALK-A3

## PRODUCT FEATURES

- \* 7s Fast Splicing
- \* 5-inch user interface and high resolution display.
- \* Removable battery with big capacity
- \* Fully-automatical smart splicing machine
- \* Water, Dust, Wind Resistance
- \* Titanium Alloy Body, 5 Directions Anti-shockBar,
- \* Connection Points Reinforced With Gel
- \* Software Online Upgrade Through Internet
- \* 24 hours Online Technical Support



5 inch

5Inch with  
high resolution

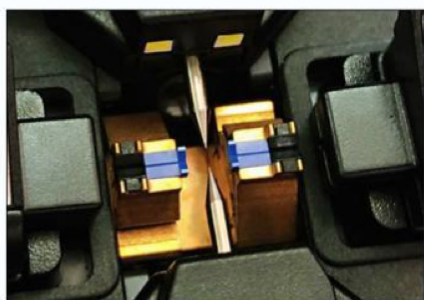


Fully-Auto  
Fast Splice



High Altitude  
Dustproof Waterproof

## GENERAL PARAMETERS



Tungsten steel electrode rod



High speed V-groove design oven



High resolution display with touch option

## 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) MMG.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, touch screen (optional)                                                                       |  |  |
| Language                             | 10 kinds (Chinese, English, French, Spanish, Russian, German, Polish, Italian, Portuguese, Thai)                   |  |  |
| Optical Fiber Magnification Times    | X/Y: 200times, X or Y: 400times                                                                                    |  |  |
| Power Supply                         | 11.1 V lithium battery, 13.5V / 5A power adapter                                                                   |  |  |
| Battery                              | 5200HA lithium battery                                                                                             |  |  |
|                                      | Typical work more than 200 times (welding / heating), single charge 3H, can be recharged 500 times,                |  |  |
| Splice Results Storage               | 10000 Records splice image (optional)                                                                              |  |  |
| 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                                 | 145Dx 143Wx 158H(mm)                                                                                               |  |  |
| Night work lighting                  | Double LED White light                                                                                             |  |  |
| Fiber holder                         | Multi-functional fiber holder (250um, 900um, 2~3mm) SC/LC/FC fiber holder (optional)                               |  |  |
| 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

|                                     |                               |                |                        |            |
|-------------------------------------|-------------------------------|----------------|------------------------|------------|
| ALK-A3 Optical Fiber Fusion Splicer |                               | Fiber Cleaver  | Electrode              | AC Adapter |
| AC power cord                       | Fiber stripper                | Alcohol Bottle | Car charger (Optional) |            |
| Carrying Case                       | Dust Blowing Ball             | Test report    | Cooling Tray           |            |
| Instruction Manual                  | Multi-functional Fiber holder |                |                        |            |