

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



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) 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, touchscreen (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 Lithium battery, 13.5V / 5A power adapter | | |
| Battery | 5200HA lithium battery Typical work more than 200 times (welding/heating), single charge3H, 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 | 145Dx143Wx158H(mm) | | |
| Night work lighting | Double LED White light | | |
| Fiber holder | Multi-functional fiber holder (250µm, 900µm, 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 | | |