

# ALK-88

## PRODUCT FEATURES

- \* 7s Fast Splicing
- \* 14s V-groove Fast Heating
- \* 4.3inch user interface and high resolution display.
- \* long life battery for splice & heat cycles
- \* High Reliability
- \* Water, Dust , Wind Resistance
- \* Titanium Alloy Body, 5 Directions Anti-shock Bar.
- \* Software Online Upgrading Through Internet
- \* 24 Hours Online Technical Support



4.3

4.3 Inch  
Color LCD Screen

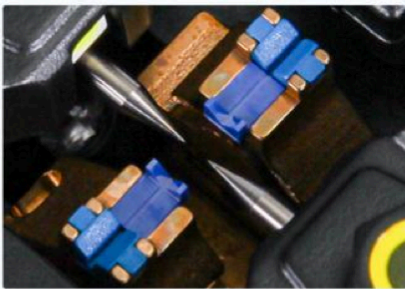


Fully-Auto  
Fast Splice



High Altitude  
Dustproof Waterproof

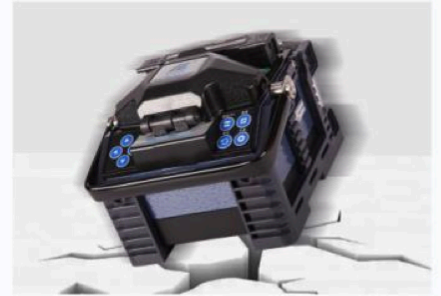
## GENERAL PARAMETERS



V-groove design



High speed V-groove design oven



Proven field toughness

## 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: 80-150µm Coating Diameter: 100~1000µm		
Fusion Splice Mode	Prestore: 40 Groups User Define: 80groups		
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) / 7sec (Fast Mode)		
Loss Estimation of Fusion Splice	Exist		
Tension Test	2N or more (optional)		
Monitor	4.3-inch LCD Screen		
Language	10 kinds (Chinese, English, French, Spanish, Russian, German, Polish, Italian, Portuguese, Thai)		
Optical Fiber Magnification Times	X/Y : 160 times X or Y: 320 times		
Power Supply	11.1V Lithium battery 13.5V / 5A Power Adapter		
Battery	5200mAh Typical Work More than 220 Times (Welding / Heating)		
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	166Dx 140Wx 130H(mm)		
Weight	1.89kg (Battery Included)		
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	14s Fast Heating (Customizable)		
Heating Temperature	180°C - 200°C (Customizable)		

## STANDARD PACKAGE

ALK-88 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		