

# ALK-88A

*World's Quickest  
Splicing 7sec  
Tube-heating 17sec*



## OPTICAL FIBER FUSION SPLICER



### ○ **Fast:**

- --7s Fast Splicing
- --17s V-groove Fast Heating
- --2 Detachable Batteries, 2 Hours Charging

### ○ **Great performance:**

- --PAS Fiber Core to Core Alignment Technology
- --High Quality, Low Loss, Typical Splicing Loss SM $\leq$ 0.02dB, MM $\leq$ 0.01dB
- --4 Motors, Super Precision 0.1 $\mu$ m

### ○ **High Reliability:**

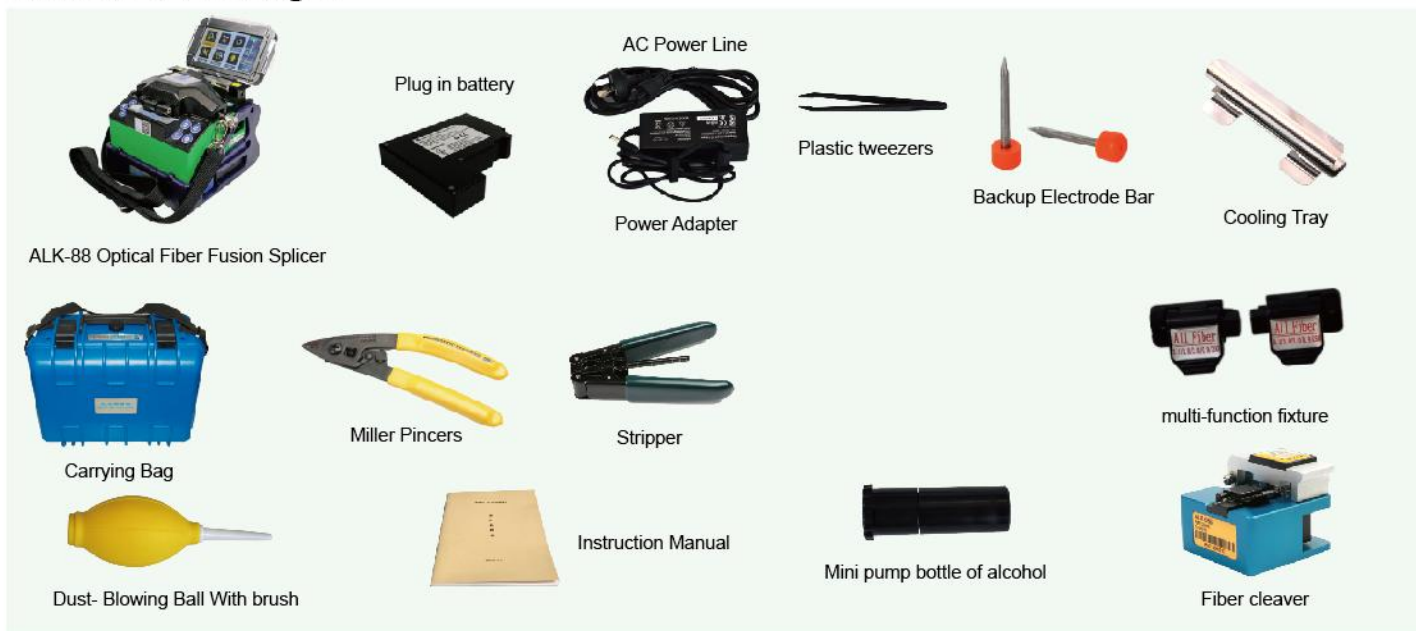
- --Water, Dust, Wind Resistance
- --Titanium Alloy Body, 5 Directions Anti-shock Bar, Connection Points Reinforced With Gel
- --Software Online Upgrade Through Internet
- --24 hours Online Technical Support

# ALK-88A

## Specification:

<b>Applicable Optical Fiber Types</b>	SM(Single mode), MM(Multi-mode), DS(Dispersion shift), NZDS(Non zero dispersion shift)
<b>Applicable Optical Fiber Core Number</b>	Single core
<b>Applicable Optical Fiber Diameter</b>	Cladding diameter: 80-150µm, Coating diameter: 100~1000µm
<b>Fusion splice Model</b>	Prestore:40 groups, User define: 80 groups
<b>Average Fusion Splice Loss</b>	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS), 0.04dB(BIF/UBIF)
<b>Echo Loss</b>	Better than 60dB
<b>Fusion splice Duration Time</b>	9sec(typical parameter)/7sec(fast mode)
<b>Loss Estimation of Fusion Splice</b>	Exist
<b>Tension Test</b>	2N
<b>Monitor</b>	4.3 inches colorized LCD, Support in both Chinese and English, Spanish, Russian, French, Portuguese and other display
<b>Optical Fiber Magnification Times</b>	X/Y:175times,X or Y:340 times
<b>Power Supply</b>	6800mAh Lithium battery, 13.5V/5A power adapter
<b>Battery</b>	Typically work 220 times(Fusion splicing / Heating /Hot stripping), Single battery charge 2Hour, can be recycled 500 times
<b>Splice Results Storage</b>	10,000 groups of the latest records
<b>Data Interface</b>	USB2.0
<b>Operating Environment</b>	Elevation:0~5000m, Relative humidity:0~95%, Temperature:-20°C~55°C, Maximum wind speed:15m/s
<b>Storage Environment</b>	Relative humidity:0~95%, Temperature:-40°C~80°C (Except Battery), Temperature:-10°C~40°C (Battery)
<b>Size/Weight</b>	166D x 142W x 139H(mm) / 1.93kg(Include battery)
<b>High altitude operation</b>	Cornering, machines can be directly hung on the operators neck normal operation
<b>Applicable Optical Fiber Cable Diameter</b>	250µm, 900µm, 2~3mm
<b>Applicable Sleeve Length</b>	60mm, 45mm, 40mm(FP-03)
<b>Heating time</b>	Cover and automatic heating, v-shaped 17s rapid thermal shrinkage (customizable)
<b>Heating temperature</b>	180~250°C(customizable)

## Standard Package:



## Dimension:

