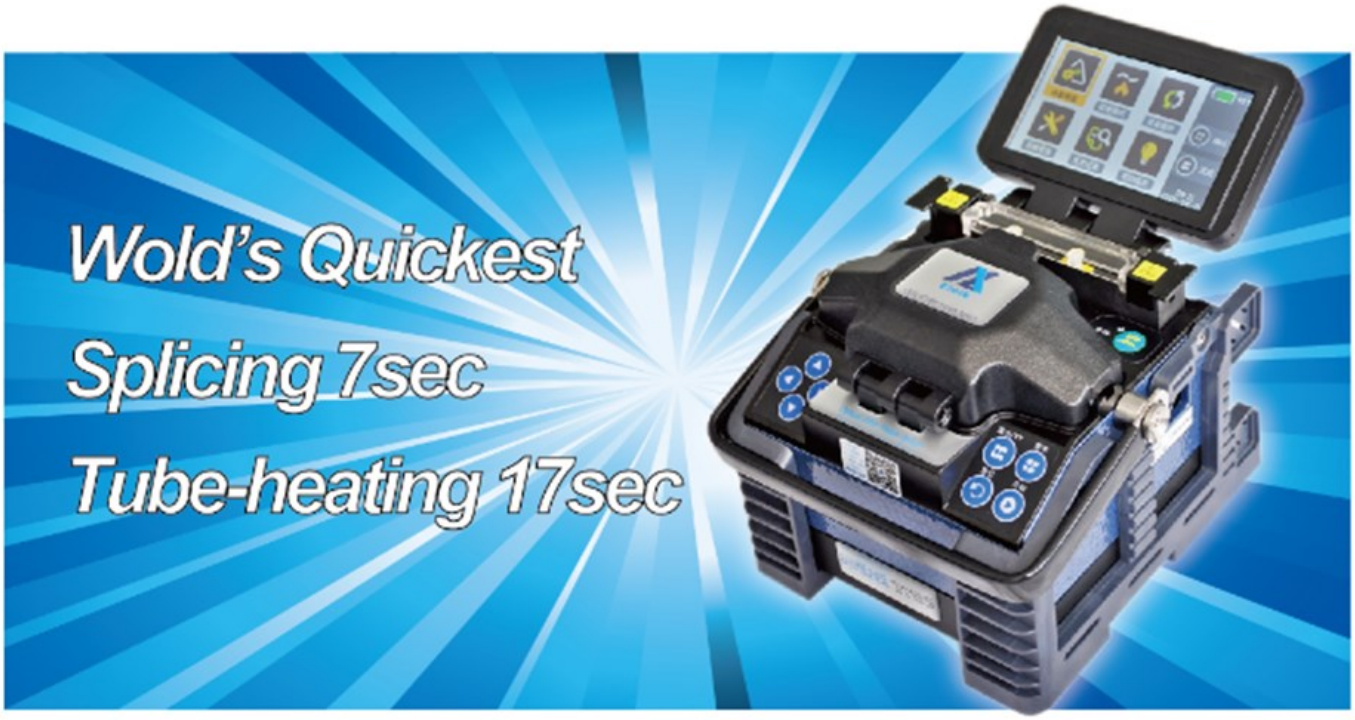
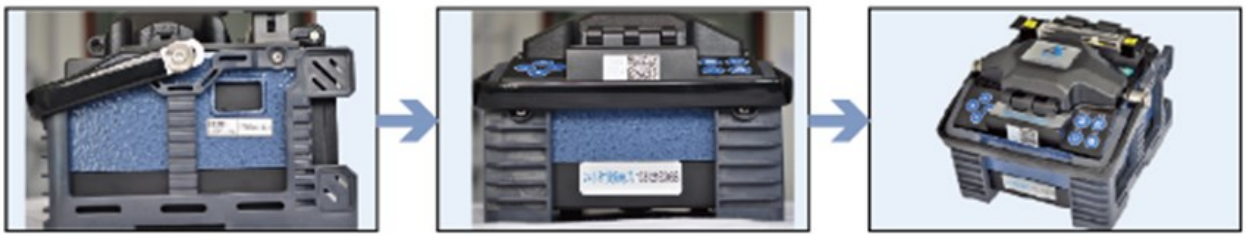
ALK-88



OPTICAL FIBER FUSION SPLICER



○ ***Fast:***

- ■ *--7s Fast Splicing*
- ■ *--17s V-groove Fast Heating*

○ ***Great performance:***

- ■ *--High Quality, Low Loss, Typical Splicing Loss SM≤0.02dB, MM≤0.01dB*
- ■ *--4 Motors, Super Precision 0.1μm*

○ ***High Reliability:***

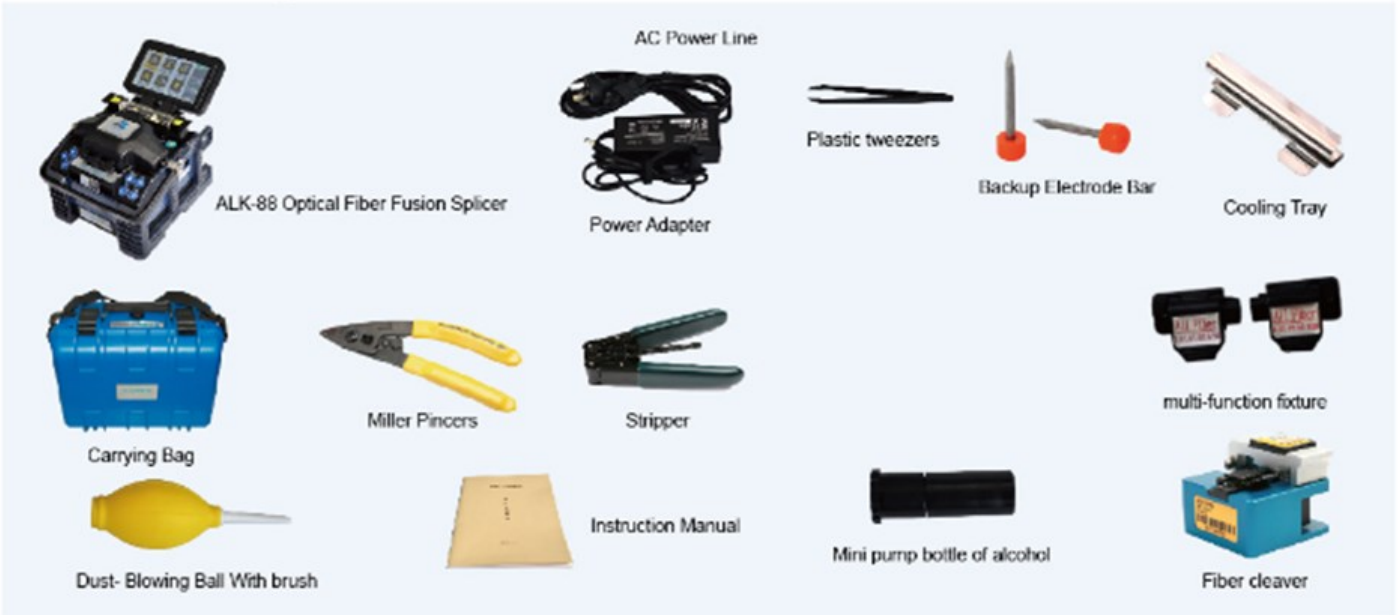
- ■ *--Water, Dust, Wind Resistance*
- ■ *--Titanium Alloy Body, 5 Directions Anti-shock Bar, Connection Points Reinforced With Gel*
- ■ *--Software Online Upgrade Through Internet*
- ■ *--24 hours Online Technical Support*

ALK-88

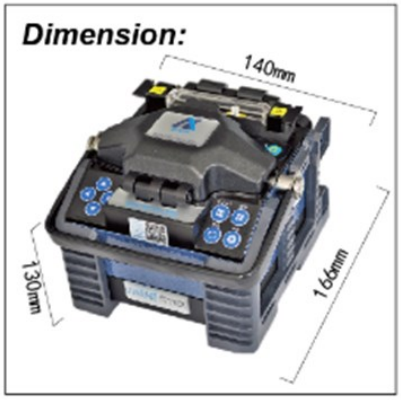
Specification:

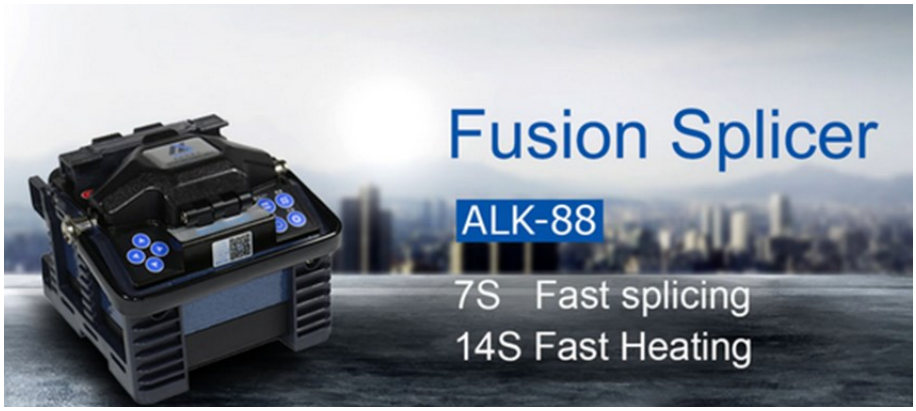
Applicable Optical Fiber Types	SM(Single mode), MM(Multi-mode), DS(Dispersion shift), NZDS(Non zero dispersion shift)
Applicable Optical Fiber Core Number	Single core
Applicable Optical Fiber Diameter	Cladding diameter: 80-150μm, Coating diameter: 100～1000μm
Fusion splice Model	Prestore:40 groups, User 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)/7sec(fast mode)
Loss Estimation of Fusion Splice	Exist
Tension Test	2N
Monitor	4.3 inches colorized LCD, support Chinese, English, Russian, Portuguese, French, Spanish display
Optical Fiber Magnification Times	X/Y:175 times,X or Y:340 times
Power Supply	11.1V Lithium battery, 13.5V/5A power adapter
Battery	Typically work 220 times(Fusion splicing / Heating), Single battery charge 3Hour，can be recycled 500 times
Splice Results Storage	10,000 groups of the latest records
Data Interface	USB2.0
Operating Environment	Altitude: 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 of the Equipment	1.89kg(Include battery)
Size	166D×140W×130H(mm)
Applicable Optical Fiber Cable Diameter	250μm, 900μm, 2~3mm
Applicable Sleeve Length	60mm, 45mm, 40mm(FP-03)
Heating time	17s
Heating temperature	180~250°C

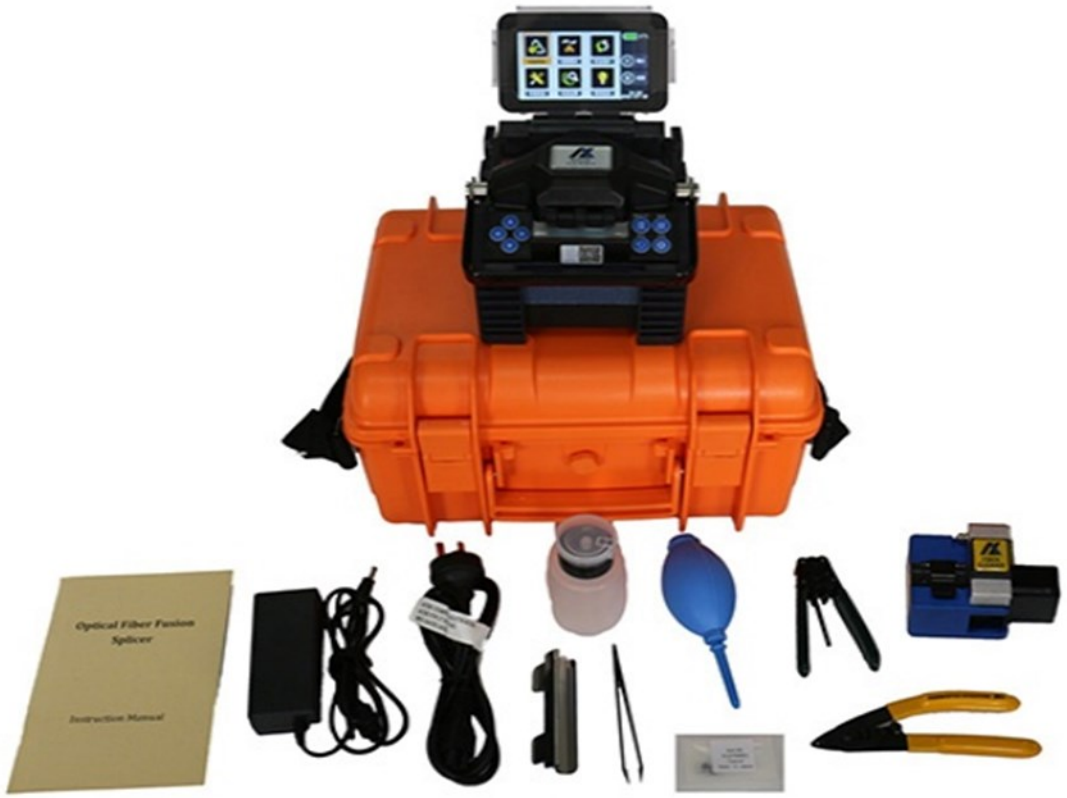
Standard Package:

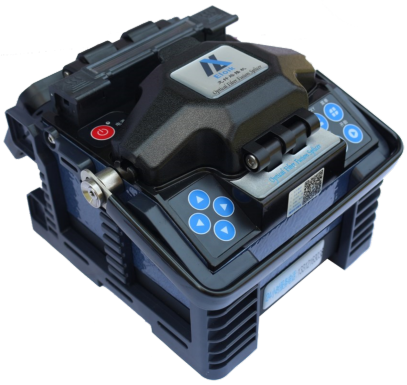


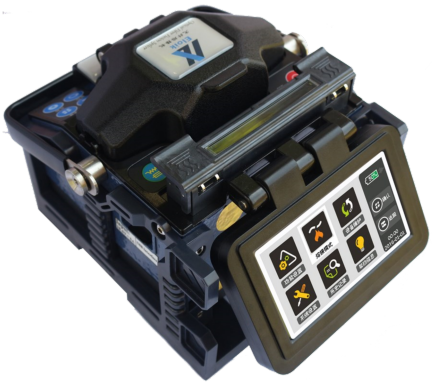
Dimension:

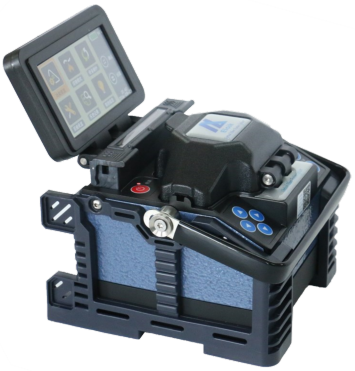


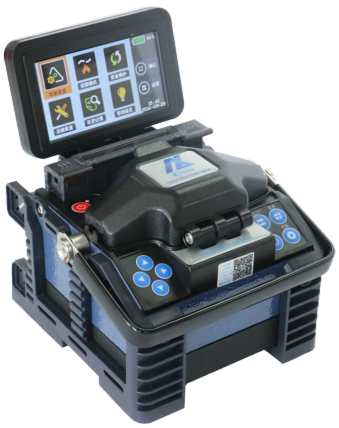


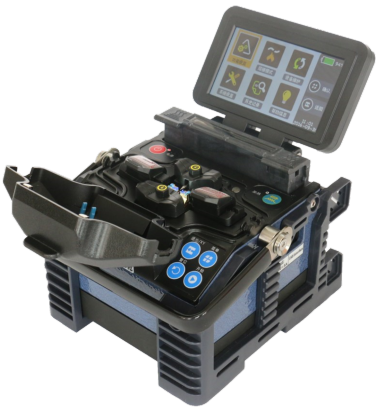

Optical Fiber Fusion
Splicer
Instruction Manual

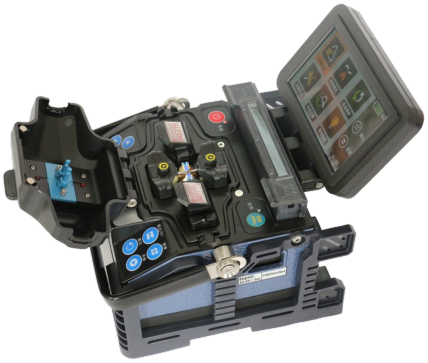












Model Number	ALK-88
Applicable Optical Fiber Types	SM(G.652/G.657), MM(G.651), DS(G.653), NZDS(G.655),EDF,BIF/UBIF
Applicable Optical Fiber Core Number	Single core
Applicable Optical Fiber Diameter	Cladding Diameter:90-150μm, Coating Diameter:200~1000μm
Fusion splice Model	Pre-store: 40 groups, User define: 80 groups
A verge using 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),7 sec (Fast mode)
Loss Estimation of Fusion Splice	Exist
Tension Test	≥2N(Optional Big Rally fusion splicer 8N)
Display	4.3 inches colorized LCD, optional Language
Optical Fiber Magnification Times	X/Y:180times, X or Y:350 times
Power Supply	11.1V Lithium battery, 13.5V/5A power adapter
	Typically work 200 cycles(Splicing / Heating), Full
Battery	charge 3hours, Recharge Cycles:500times,5200mAh Li-battery
Splice Results Storage	10000Records
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	1.6kg(without battery) 1.89kg(Include battery)
Corrosion Resistance	Equipment components, Parts and materials meet composite anti-corrosion requirements, Anti-fluid pollution
Size	166D×140W×130H(mm)
Working aloft	Optional Side hook Strap, you can hang the machine directly on the operator's neck by the strap
Alignment	Core alignment, Cladding alignment, Fine Alignment
Applicable Optical Fiber Cable Diameter	2mm,3mm,4mm,6mm
Applicable Sleeve Length	60mm, 45mm, 40mm(FP-03)
Heating time	Fusion-Protection Sleeves 14s Fast heating(customizable)
Heating temperature	Below 240℃(customizable)
Automatic Heating	Automatic fiber identification & Heating when close cover