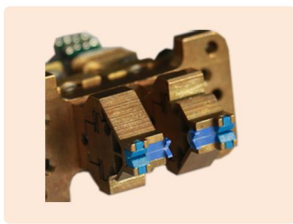


ALK-A7



NEW

OPTICAL FIBER FUSION SPLICER



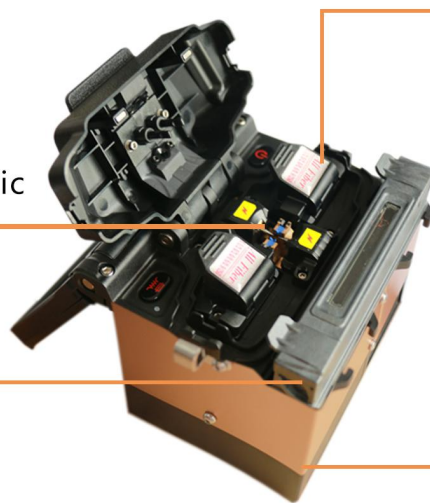
Precise alignment ceramic
V groove



3 in 1 fiber holder



Smart temperature sensor
heater (SC)



Plug-in battery

**Smart
Handheld**

ALK-A7

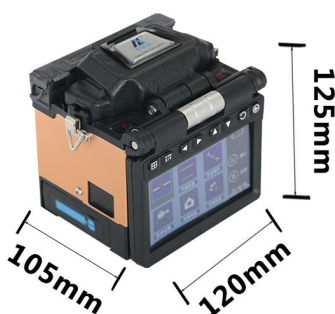
Specification:

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	Prestore:40 groups, User define: 80 groups
Average Fusion Splice Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return Loss	Better than 60dB
Fusion splice Duration Time	9sec(Typical Mode), 7Sec(Fast Mode)
Loss Estimation of Fusion Splice	Exist
Tension Test	≥2N
Display	4.3 inches colorized LCD, optional language
Optical Fiber Magnification Times	X/Y:180 times, X or Y:360 times
Power Supply	11.1V Lithium battery, 13.5V/5A power adapter
Battery	Typically work 120 cycles (Splicing / Heating),Full charge 3Hours, Recharge Cycle: 500 times, 2900mA Li-battery
Storage	10000 Records
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	0.972kg(without battery), 1.166kg(with battery)
Corrosion Resistance	Equipment components, Parts and materials meet composite anti-corrosion requirements, Anti-fluid pollution
Size	120D×105W×125H(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, Precise Alignment
Applicable Optical Fiber Cable Diameter	2mm, 3mm, 4mm, 6mm
Applicable Sleeve Length	60mm, 45mm, 40mm(FP-03)
Heating time	2mm protective sleeve (10-15 s), 4mm protective sleeve (14-19 s), 6mm protective sleeve (17-23 s)
Heating temperature	Below 250°C(customizable)
Automatic Heating	Automatic fiber identification & Heating when close cover

Standard Package:

Number	Name	Configuration	Number	Name	Configuration
1	Optical Fiber Fusion Splicer	●	10	Carrying Case	●
2	High Precision Fiber Cleaver	●	11	Dust-blowing Ball	●
3	Power Adapter	●	12	Plastic Tweezers	●
4	AC Power Cord	●	13	Alcohol bottle	●
5	High Precision Electrode	●	14	Optical fiber splicer brochure	●
6	Cooling Tray	●	15	FC, LC, SC fixture (optional)	○
7	Three-hole Miller Stripper	●	16	Car Charger (optional)	○
8	Rubber-insulated Fiber Stripper	●	17	Aerial Working Platform(Optional)	○
9	Multi-function Fixture	●			

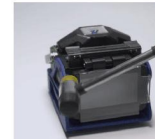
Dimension:



Water resistance



Sand resistance



Shock resistance



Falling test

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