

ALK-99/99A

PRODUCT FEATURES

- ① New system.
- ② Support IoT positioning.
- ③ Electrode rod battery ID scanning.
- ④ One-click correction.



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5-inch TFT
LCD Screen
- ▶

Fully Automatic
Fast Splicing
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High Altitude
Waterproof and Dustproof

GENERAL PARAMETERS



Large touchable screen



Plug-in battery



Anti-drop protection strip

SPECIFICATION

Model	ALK-99	ALK-99A
Number of Motors	4 motors	6 motors
Splicing time	9 seconds (typical parameter)/7 seconds (fast mode)	10 seconds (typical parameter)/7 seconds (fast mode)
Average Splicing Loss	0.02dB(SM), 0.01dB(MM), 0.05dB(DS), 0.05dB(NZDS)	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Weight	1.55 KG (with battery)	1.59KG (without battery)
Size	146Dx131Wx152H(MM)	
Fiber type	SM (single-mode TU-TG.652), MM (multi-mode TU-TG.651), DS (dispersion-shifted TU-TG.653), Cut-off Shifted Fibre(TU-TG.654 fiber), NZDS (non-zero dispersion-shifted ITU-TG.655)B (bend-insensitive TU-TG.657) and bare fiber, pigtail, drop cable, invisible fiber, etc.	
Applicable Optical Fiber Core Number	Single core	
Alignment	Core alignment, cladding alignment	
Heating time	6MM standard fusion-protection sleeve (adjustable within 15 seconds)	
Fiber Magnification	X/Y: 200 times, X or V: 400 times	
Applicable Fiber Diameter	Cladding diameter 80-150um, coating diameter 100-1000um	
Splicing Mode	With step-by-step splicing and automatic splicing functions	
Splice Results Storage	100,000 sets of splicing records storage, 10,000 images storage	
Return Loss	Better than 60DB	
Power Supply	Power adapter input 100-240V, 1.4A, 50/60HZ, output 13.5V/5A, charging mode can work normally	
Battery	11.1V lithium battery, typical work 260 times (splicing/heating), single charge 3H, can be recharged 500 times, 5200MAH lithium battery	
Tension Test	2N or more (optional)	
Display	5-inch color LCD screen	
Operating Environment	Altitude 0-5000M, relative humidity 0-95% (no condensation), temperature -20°C - 55°C, maximum wind speed 15M/S	
Storage Environment	Relative humidity 0-95% (no condensation), temperature -40°C - 80°C	
Corrosion Resistance	The host equipment, parts or constituent materials meet the anti-corrosion requirements of GB/T2423.54-2005 and are not eroded by fluid pollution.	
Applicable Sleeve Diameter	2MM, 3MM, 4MM, 6MM	
Applicable Sleeve Length	60MM, 50MM, 45MM, 40MM, 25MM, 20MM	
Heating Temperature	110-260°C (customizable)	
Automatic Heating	Automatically recognize and heat the optical fiber after closing the cover	
Data Interface	Mini USB2.0, can be connected to PC	
Night Work Lighting	LED double white lights	

STANDARD PACKAGE

Optical Fiber Fusion Splicer (with battery)	AC Power Cord	Carrying Case	Electronic Manual
High-precision Fiber Cleaver	Fiber Stripper	Dust Blowing Ball	Electrode
Alcohol Bottle	Cooling Tray	AC Adapter	Car Charger (optional)
Multi-functional Fiber Holder			