△ Eloik Wisdom from German

ALK-A9L

PRODUCT FEATURES

* 8S fast splicing

* 5-inch touch screen display.

* Touch screen tap to enlarge the splicing image.

* Newest Linux OS. Faster operation, more stable splicing and less loss.

* Auto detection of fiber and splice.

* 2 megapixel camera.

* Hard Drive Storage 8G + 1G RAM

* Running speed 4-core 1.8G

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5 Inch	Fully-Auto	High Altitude
Color LCD Screen	Fast Splice	Dustproof Waterproof

GENERAL PARAMETERS

V-groove design → High speed V-groove design oven

High resolution display with touch option

SPECIFICATION

Applicable Optical Fiber Types	SM (.652/G.657), MM (G.651), DS (G653), NZDS (G.655), Bi.1, UBI, EDF-1 G657B3-1.
Applicable fiber core number	Single Core
Motor Number	6 Motors, Auto Focus
Alignment	Core Alignment, Clading Alignment, Fine Alignment, Manual
Applicable Fiber diameter	Clading Dia. 125-150um, Coating Dia. 250-10000um
Splice Mode	Splice by step (semi-automatic and manual). Automatic splice.
Splice Function	Prestore 15 groups. User define 1000 groups
Average Fusion Splice Loss	0.02dB(SM), 0.01dB(MM), 0.02dB (CS), 0.04dB (DS), 0.4dB (NZ-DS).
Return Loss	Better than 60dB
Splice Loss Estimation	Yes
Screen	5"colour LCD, Support for Chinese, English, Spanish, Russian, French, Poruguese, etc.
Human Interface mode	Button / Touch operation.
Optical Fiber Magnification Times	X/Y 210 times, X or Y 320 times (Images can be double-clicked to magnify 1100 times)
OS System	Linux OS
Power Supply	11.1V Lithium battery, 13.5V / 5A power adaptor
Battery	Typical use 280 cycles (Splice / Heating Fast charge 3 hours, Recharge cycles: 500 times, 6800mAh Li-battery)
Power Saving Function	Automatic standby, Automatic shutdown, Manual.
Splice Results Storage	100000 sets of splice reccord storage
Image Storage	10,000 image Storage
Electrode Life	≤6000
Data interface	USB 2.0 support splice data export and software upgrades.
Operation Environment	Environment (0-5000m), relative humity, 0-95%, Temp -20 ~ 55 °C, Max wind speed 15m/s
Storage Environment	Relative humidity 0-95%, Temp -30~60 °C
Weight	1.43kg (without battery), 1.85 kg (with battery).
Size	166D x 144W x 158H (mm)
Sleeve dimention	2mm, 3mm 4mm, 6mm.
Sleeve Length	25mm, 40mm, 45mm 60mm. User programable.
Heating Temp	10 ~ 260 °C
Sleeve Auto-Heat	Automatic when heating cover closed.
Night Work Lighting	LED Double lights
Removable Battery	Yes
Tension Test	>2N
One-touch ARC Correction	Yes
Battery Safety Protection	Yes
GPS Location Function	Optional
Password Control Function	Optional

STANDARD PACKAGE

ALK-A3 Optical Fiber Fusion Splicer	Fiber stripper	Fiber Cleaver	Electrode
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		

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