

# A3

## A3, CLAD ALIGNMENT ARC FUSION SPLICER

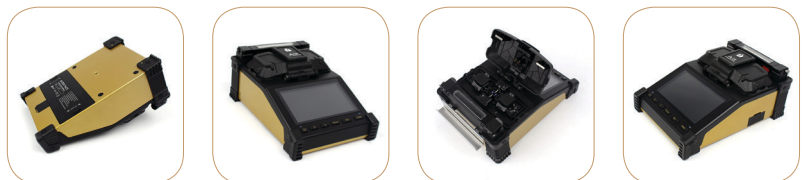


- New Friendly GUI Design
- SOC Support
- 4.3" Color LCD Touch Screen
- Portable Charger Support

BELIEVE YOUR EYES



### DETAILED VIEW I



You dream,  
we DESIGN

## TECHNICAL SPECIFICATIONS

### Specifications

Model	A3
Alignment Method	Active Clad Alignment (4 Motors)
Number of Fiber	Single
Applicable Fibers	SM (G.652 & G.657) / MM (G.651) / DS (G.653) / NZDS (G.655) / CS (G.654) / EDF
Coating / Cladding Diameter	Coating Diameter : 100 ~ 3000μm, Cladding Diameter : 80~150μm
Cleaved Length	5 ~ 16mm
Typical Splice Loss	SM: 0.03dB / MM: 0.01dB / DS: 0.05dB / NZDS: 0.05dB / G.657: 0.03dB (Measured by fusion splicing compensating cutback according to ITU-T standard)
Return Loss	>> 60dB
Estimated Splice Loss	Available
Splice Time	Quick mode 7s
Splice Mode	Preset 6 kinds of splicing mode, Max 300 mode available
Heating Sleeve	20 ~ 60mm
Heating Time	15s (45mm, slim 60mm), 20s (60mm)
Heating Mode	Max 100 modes
Pull Test	1.96 ~ 2.25N
Dimension	137W x 197D x 87H mm (including rubber bumper) / 128W x 187D x 82H (excluding rubber bumper)
Weight	1.206kg (with battery) / 0.997kg (without battery)
White LED	2 White LEDs
Monitor	4.3" Color LCD display, Full touch screen
Fiber View	X, Y, X/Y
Magnification	120 ~ 240x
Results Storage	10,000 Splice data / 10,000 Splice image
Power Supply	AC Input 100 ~ 240V, DC Input 9 ~ 14V
Terminal	USB Type C
Battery Capacity	3000mAh Battery Capacity, Typical 150 cycles (Splice+Heat), Power save mode 200 cycles (Splice+Heat)
Electrode Life	5500 arcs discharges

### PACKAGE LIST Standard Package

Model / Part No.	Description	
	Main Unit	
A3	Fusion Splicer	
	Standard Accessories	
V7	Cleaver	1ea
FH-45	Fiber Holder	1set
FH-SOC-L	SOC Fiber Holder	1ea
HTS-SOC-05	SOC Heater Cover	1ea
JS-1618	AC Adapter	1ea
CG-22	Cooling Tray	1ea
E-50	Electrode	1set
LBT-3000-02	Battery Pack (3000mAh)	1ea
ACC-25	Power Cable	1ea
USB-8P	USB Cable	1ea
USB-9P	USB Cable	1ea
ICC-54	Carrying case	1ea
IWS-05	Work Station for A2, A3	1ea
ST-01	Shoulder Strap (Carrying Case)	2ea
	Quick Reference	1ea

\*USB-8P Type-C USB to Type-A USB (Male) Cable

\*USB-9P Type-C USB to Type-A USB (Female) Cable

! The Information on this catalog is subject to change without prior notice.

### PACKAGE LIST Optional Accessories

Model / Part No.	Description	
TK02-AP01	Alcohol Pump	1ea
TK02-MP01	Stripper	1ea
EG-18	Electrode Grinder	1ea
PS-60S	Heating Sleeve (60mm)	1pack (100ea)

### ENVIRONMENTAL CONDITION & TEST

Items	Specifications
Operating Condition	Altitude: 0 ~ 5000m Humidity: 0 ~ 95%, non-dew Temperature: -10 to 50°C Wind: up to 15m/sec
Storage Condition	Humidity: 0 ~ 95%, non-dew Temperature: -40 to +80 °C
Resistance Tests	Shock Resistance : 76cm for bottom surface drop Exposure to Dust : 0.1 to 500um diameter alu- minium silicate Rain Resistance : 10 mm/h for 10 mins

- Water resistance (IPx2)
- Shock resistance (Drop from 76cm)
- Dust resistance (IP5X)



\* We do no guarantee and are not responsible for any damage caused due to tampering of the product under above conditions.