

# 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 |



You dream,  
we DESIGN

# TECHNICAL SPECIFICATIONS

Specifications	
Model	A3
Alignment Method	Active Clad Alignment (4 Motors)
Number of Fiber	Single
Applicable Fibers	SM (ITU-T G.652&G.657) / MM (ITU-T G.651) / DS (ITU-T G.653) / NZDS (ITU-T G.655)
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 320 mode available
Heating Sleeve	20 ~ 60mm
Heating Time	15s (45mm, slim 60mm), 20s (60mm)
Heating Mode	Max 32modes
Pull Test	1.96 ~ 2.25N
Dimension	197W x 137D x 87H mm (including rubber bumper) / 187W x 128D x 82H mm (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	
<b>A3</b>	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	
<b>TK02-AP01</b>	Alcohol Pump	1ea
<b>TK02-MP01</b>	Stripper	1ea
<b>EG-18</b>	Electrode Grinder	1ea
<b>PS-60S</b>	Heating Sleeve (60mm)	1pack (100ea)

## ENVIRONMENTAL CONDITION & TEST

Items	Specifications
<b>Operating Condition</b>	Altitude: 0 ~ 5000m Humidity: 0 ~ 95%, non-dew Temperature: -10 ~ 50 °C Wind: up to 15m/sec
<b>Storage Condition</b>	Humidity: 0 ~ 95%, non-dew Temperature: -20 ~ 60 °C
<b>Resistance Tests</b>	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.