

Handheld FTTx Fusion Splicer



Light weight
& Compact



Suitable for
working at height



No need tools to
replace electrodes

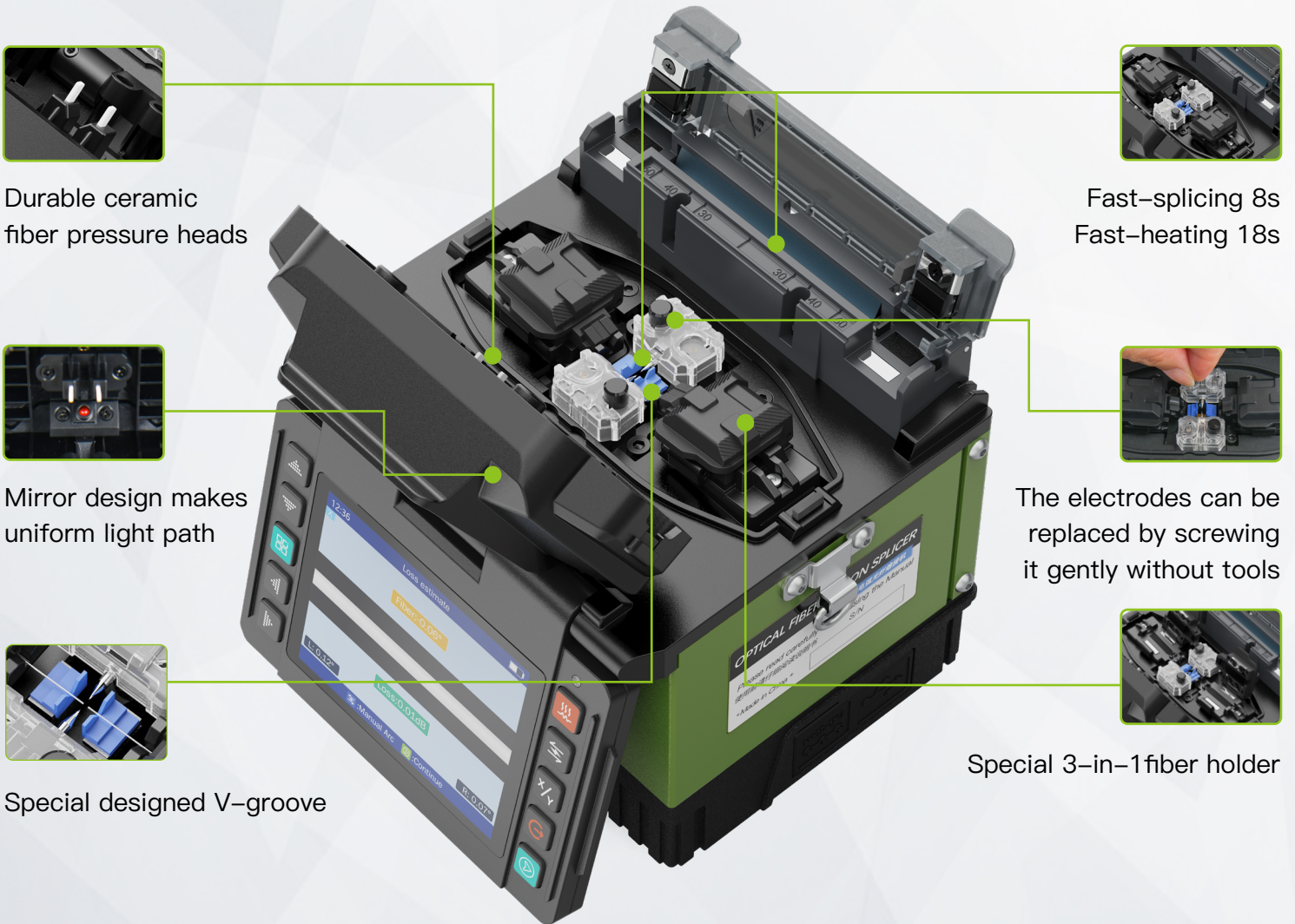


Automatic
welding heating

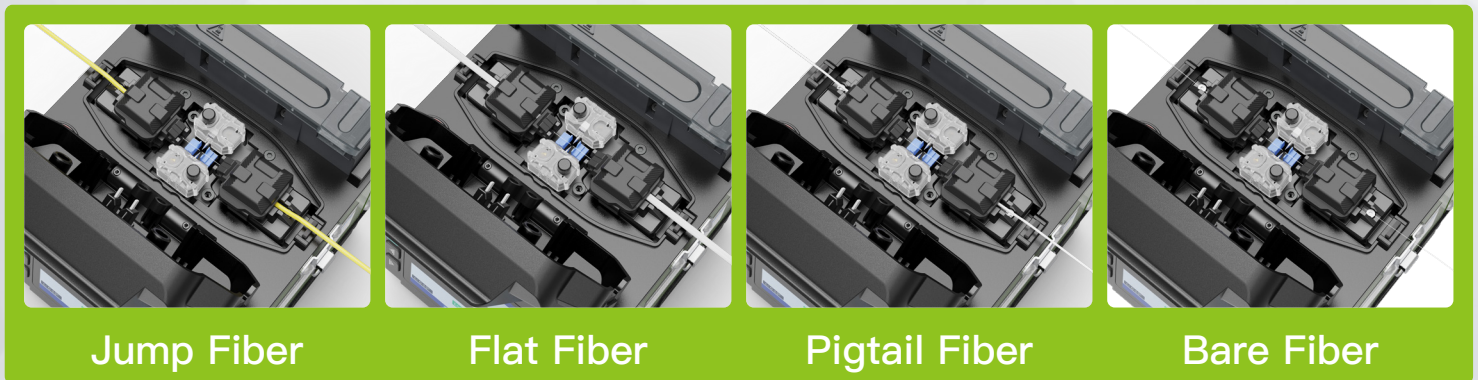
Feature Description

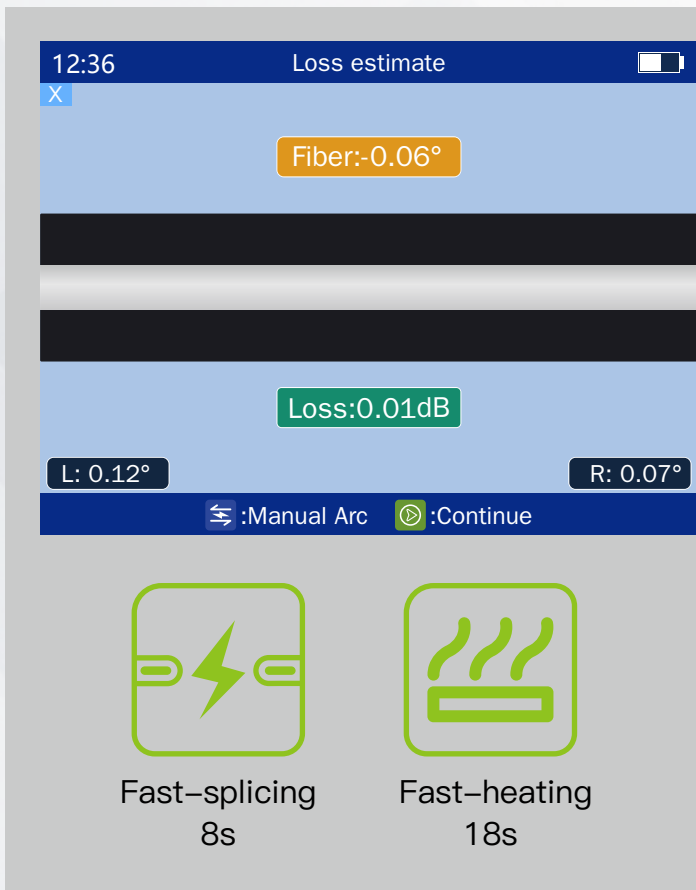
- Efficient, versatile, lightweight & portable
- Working platform design for aerial work
- Special 3-in-1 fiber holder
- 3 years warranty
- Electrode life around 5000 times(Replaceable)
- Automatic splicing & automatic heating
- Innovatively no need tools to replace electrodes
- Support 220 times of splicing + heating when fully charged

Main Features



3-IN-1 Fiber Holder





Rich expansibility

fiber optic cleaver operating platform
(Optional)

Suitable for different models
fiber optic cleavers

Cooling tray can be placed

Highly scalable

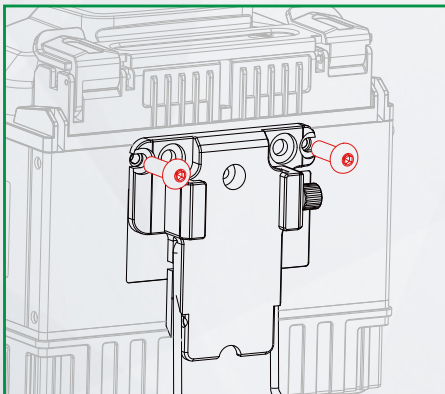
Support the placement of cleaver operating
platform, do cleaving and splicing work in one step

(Operation platform be ordered separately)

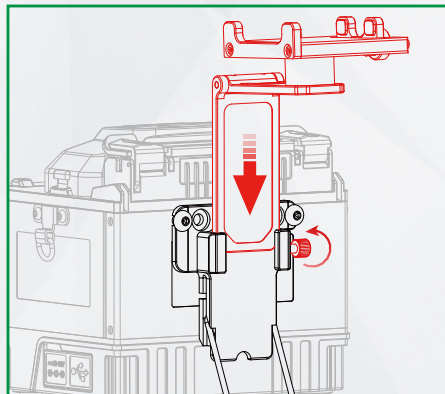
Installation completion effect



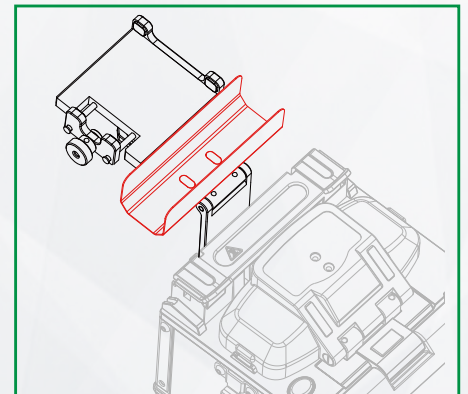
Installation instructions of fiber optic operating platform



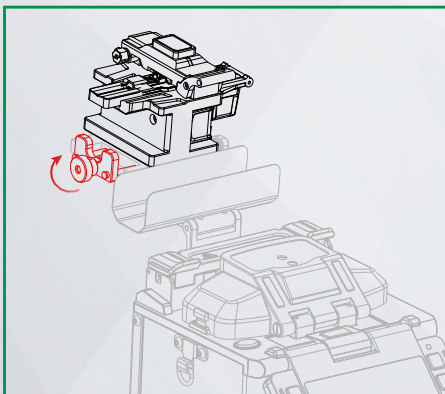
Step 1:
Install the fixing plate behind the fusion splicer with screws (M3/ M4/ M5).



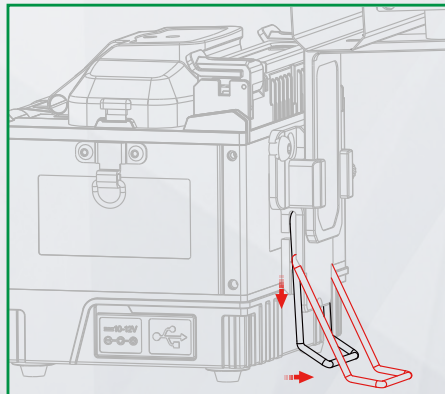
Step 2:
Insert the support plate into the fixing plate and tighten the fixing screws.



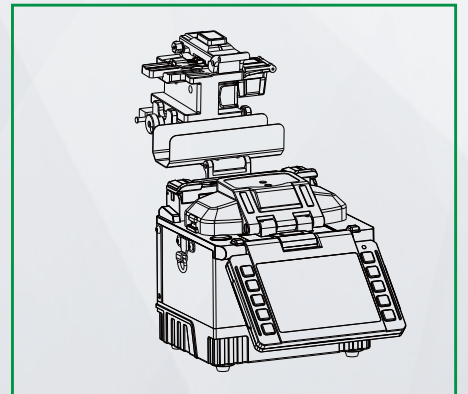
Step 3 :
Place the cooling tray in the corresponding position of the support plate, and the installation is completed.



Step 4 :
After placing the fiber cleaver on the operating platform, adjust the depth of the screw so that the rubber pad fits the cleaver completely.



Step 5 :
Pull the bracket vertically to the bayonet, and then pull it horizontally to support the machine on the table.



Step 6 :
Now, the bracket installed on the fusion splicer for placing the cleaver and the cooling tray is installed.

Support 14 Languages

11 Languages are available at the same time



Specification

Splice Method :	Active Clad-Alignment
Applicable Fibers :	SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653) / NZDS(ITU-T G.655)
Compatible Fiber/Cable :	0.25~3.0 mm / indoor flat cable
Fiber Holder :	Replaceable
Fiber Diameter :	Cladding: 80~150µm, Coating: 100~1000µm
Fiber Cleave Length :	8~16 mm
Splice mode :	Max 128 modes
Typical Splice Loss :	SM: 0.03dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04dB / G.657: 0.03dB ★①
Return Loss :	>>60dB
Splicing Time :	SM Quick mode : 8 sec / SM Average: 10 Sec
Estimated Splice Loss :	Available
Heating Time :	Quick mode 18 sec.(SM G652 250µm 40mm Sleeve) adjustable★②
Protection Sleeve Length :	20mm, 30mm, 40mm, 50mm, 60mm
Heat Programs:	Max 32 modes
Battery :	4000mAh Battery Capacity, Typical 220 Cycles (Splice&Heat) per Charge ★③
Electrode Life :	5000 arcs (replaceable) ★④
Auto-start :	Splice / Heating
Automatic Fiber Identification:	/
Automatic ARC Identification:	Automatic arc calibration by air pressure and temperature
Results Storage :	The last 10,000 splice records and 2,000 result images
Tension Test :	1.96~2.25N
Operating Condition :	Altitude: 0~5000m, 0~95% relative humidity, -20~50°C, Max Wind 15m/s
Storage Condition :	0~95% relative humidity, -20~60°C
Display :	3.5" color high resolution display
Fiber Magnification :	X, Y, XY, X/Y : 320X Magnification
Power Supply :	AC100~240V~50/60Hz 2.0A, DC14.0V $\overline{\text{---}}$ 4.0A
Terminal :	USB2.0
Weight :	1.06kg without battery / 1.35kg with battery
Size :	130H x 113W x 126D mm

★① With identical fibres(in room temperature). Measured by cut-back method relevant to ITU-T and IEC standards.

★② 0.25mm fiber,may vary depending on the battery status and operating environment.

★③ Splice & Heat cycles based on 40mm shrink tube.

★④ Electrode life may vary depending on the operating environment.



MACHINE WEIGHT

1.06kg without battery

1.35kg with battery

TOOLBOX WEIGHT

3.18kg
(including machine and accessories)



TOTAL WEIGHT

4.6kg

Packing List

Fusion Splicer	×1
Fiber Cleaver FC-20	×1
Power adapter	×1
Carrying bag	×1
Cooling tray	×1
Fiber Stripper	×1
Splice Protection Sleeves (pcs)	×100
Alcohol Bottle	×1
Electrode box (Spare electrodes(pair) + Scissors + Brush(set))	×1



NEW CONFIGURATION • CARRYING BAG



OLD CONFIGURATION • CARRYING BAG

