

T49

FTTx Fusion Splicer



Light weight
& Compact



Suitable for
working at height



No need tools to
replace electrodes

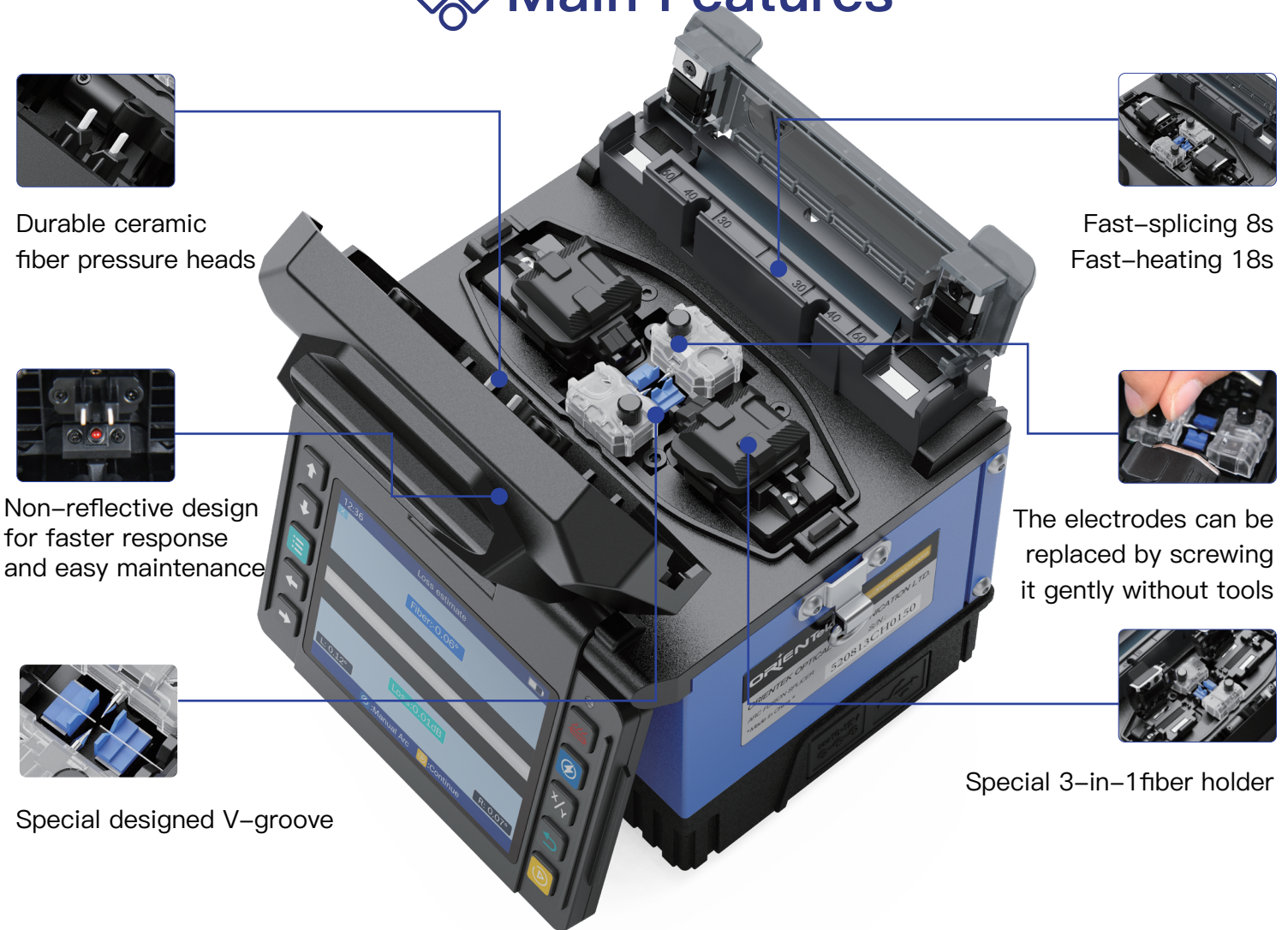


Automatic
welding heating

Feature Description

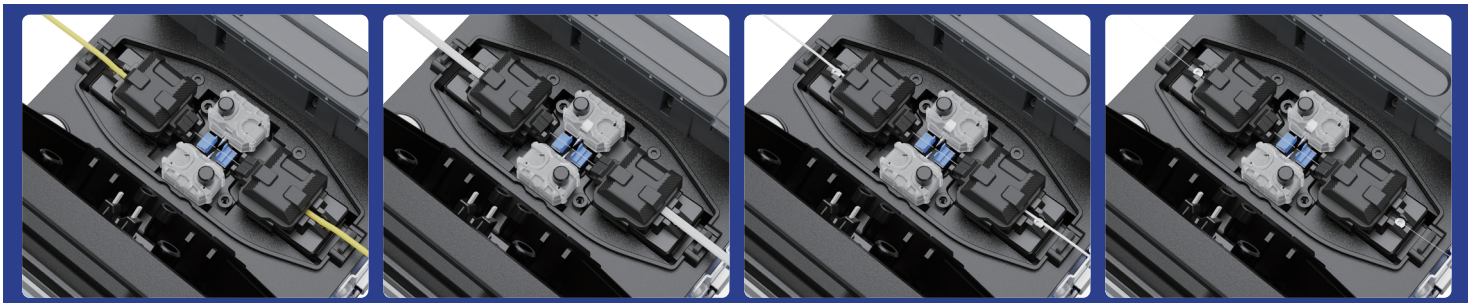
- Efficient, versatile, lightweight & portable
- Working platform design for aerial work
- Special 3-in-1 fiber holder
- 3 Year warranty policy
- Electrode life around 5000 times(Replaceable)
- Automatic splicing & automatic heating
- Innovatively no need tools to replace electrodes
- Support 120 times of splicing + heating when fully charged

Main Features



3-IN-1 Fiber Holder

Fiber holder suitable for Bare Fiber/ 3.0mm, Jump Fiber/ Pigtail and Fiber/Rubber-insulated fiber cable





Fast-splicing 8s



Fast-heating 18s



Working platform design for aerial work

High altitude operation adaptability. Not only suitable for aerial work, also suitable for conventional ground work in any environment

Introduction of fiber optic cleaver operating platform

(Operation platform be ordered separately)

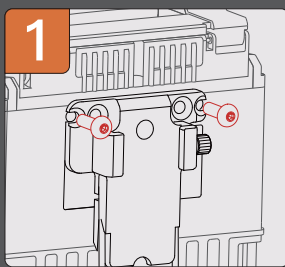
Compatible for different models fiber optic cleavers

Cooling tray can be placed

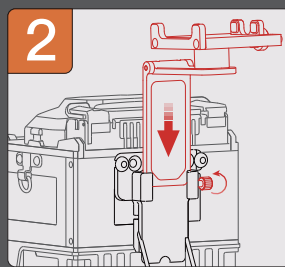
Highly scalable



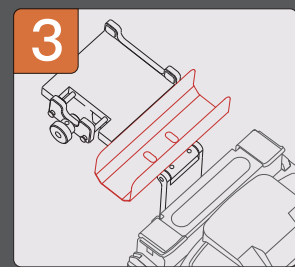
Installation instructions of fiber optic operating platform



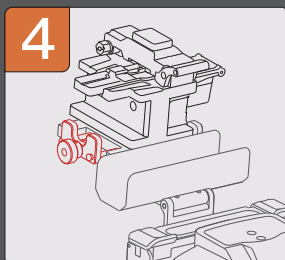
1 Install the fixing plate behind the fusion splicer with screws (M3/ M4/ M5).



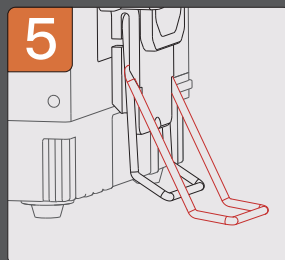
2 Insert the support plate into the fixing plate and tighten the fixing screws.



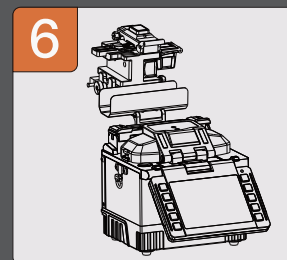
3 Place the cooling tray in the corresponding position of the support plate, and the installation is completed.



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.



5 Pull the bracket vertically to the bayonet, and then pull it horizontally to support the machine on the table. (This step can be ignored for medium and large machines)



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

Installation completion effect

Invention patent application number 202210544729.X
Utility model patent application number 202221202906.8

(Operation platform be ordered separately)





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 120 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 (800 x 480) display
Fiber Magnification :	X, Y, XY, X/Y : 320X Magnification
Power Supply :	AC Input 100–240V, DC Input 9–14V
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.

Product Display



Packing List



- ① Fiber optic cleaver ② Carry bag (Including Suspenders & belts) ③ Cleaning wipes(box)
④ Splicing protector sleeves (piece) ⑤ Alcohol bottle
⑥ Fiber Stripper ⑦ Flat Cable Stripper FTS-01 ⑧ Fusion splicer ⑨ Power charger
⑩ Cooling Tray

CONTACT US:

NANJING ORIENTEK OPTICAL COMMUNICATION LTD.

HEAD OFFICE:

Jianshan Industry Park, Liuhe District, Nanjing, Jiangsu, China

Web: www.orientekot.com

Mail: info@orientekot.com

Tel: +8617312230635

Export Control Regulations

The products and/or technical information presented in this publication may be subject to the application of the Foreign Exchange and Foreign Trade Act and other related laws and regulations in China.

In addition, the Export Administration Regulations (EAR) of the United States may be applicable.

In cases where exporting or reexporting the products and/or technical information presented in this publication, customers are requested to follow the necessary procedures at their own responsibility and cost.

Please contact the Ministry of Economy, Trade and Industry of China or the Department of Commerce of the United States for details about procedures.