

T49

FTTx Fusion Splicer



Light weight
& Compact



Suitable for
working at height



No need tools to
replace electrodes



Automatic
welding heating

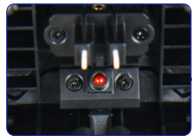
Feature Description

- 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

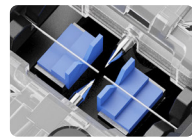
Main Features



Durable ceramic fiber pressure heads



Mirror design makes uniform light path



Special designed V-groove



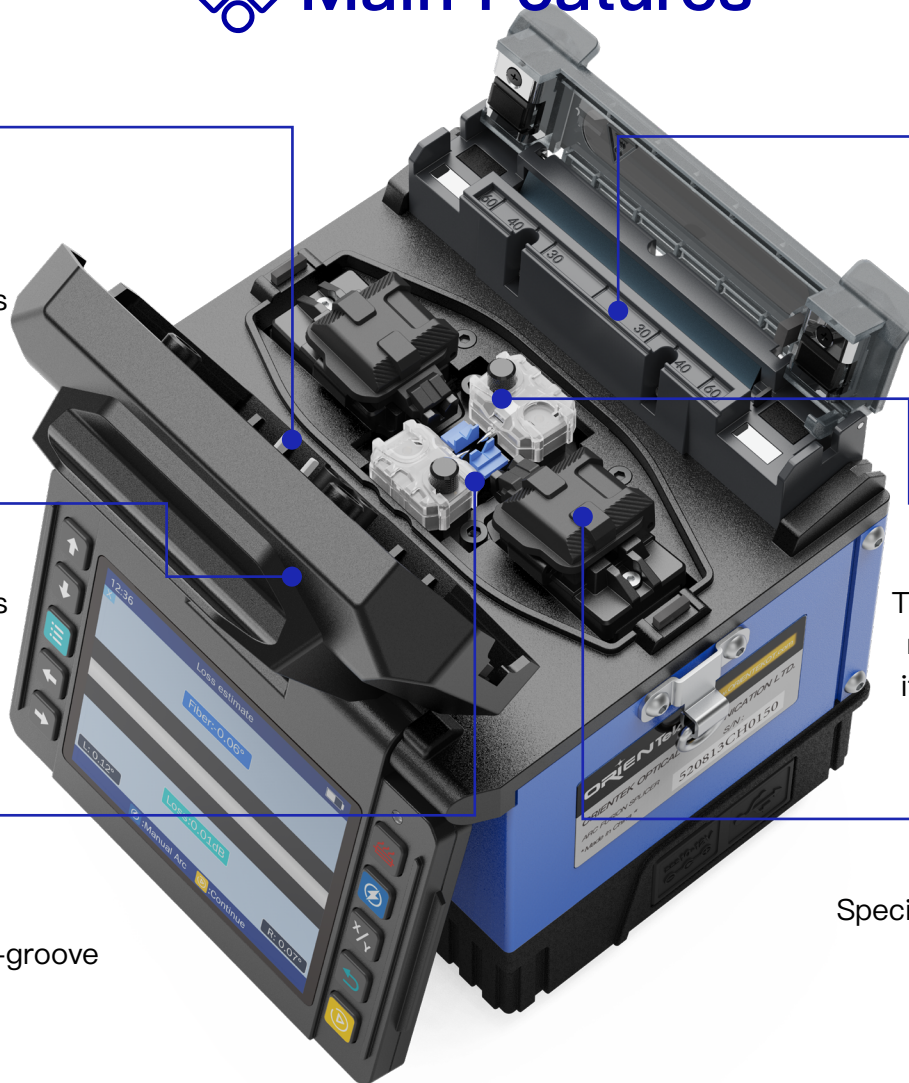
Fast-splicing 8s
Fast-heating 18s



The electrodes can be replaced by screwing it gently without tools



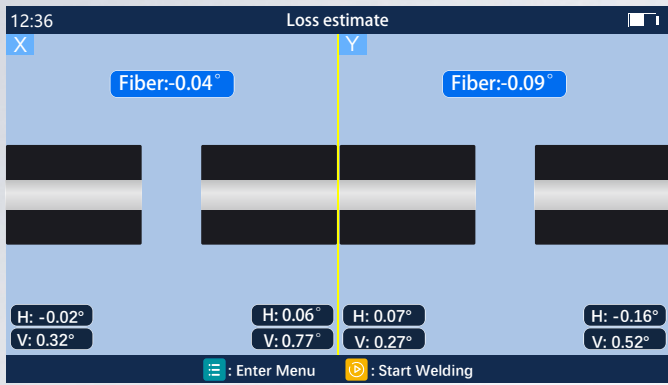
Special 3-in-1 fiber holder



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

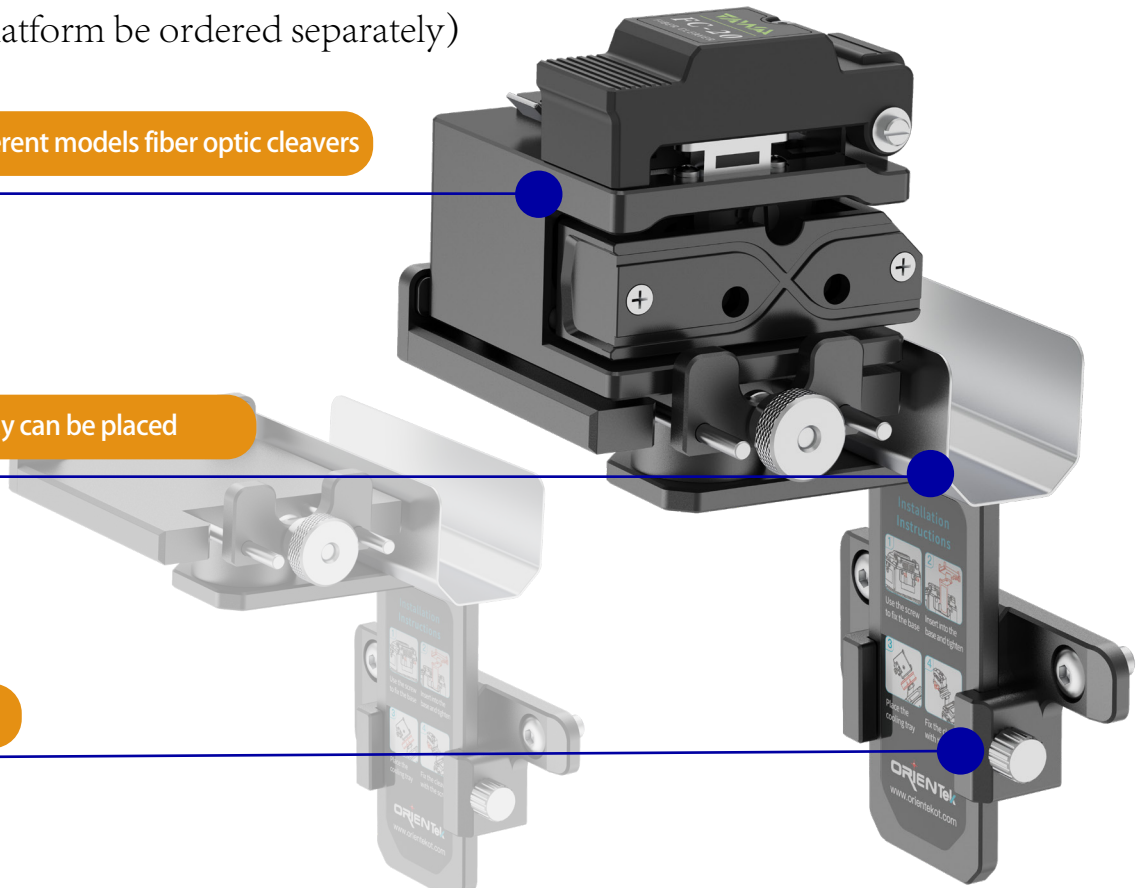
Introduction of fiber optic cleaver operating platform

(Operation platform be ordered separately)

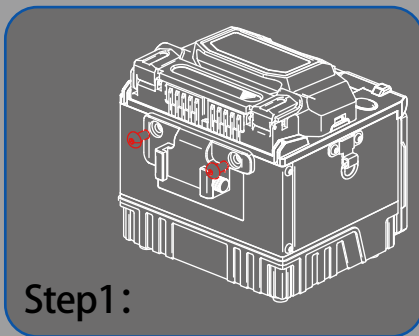
Suitable for different models fiber optic cleavers

Cooling tray can be placed

Highly scalable

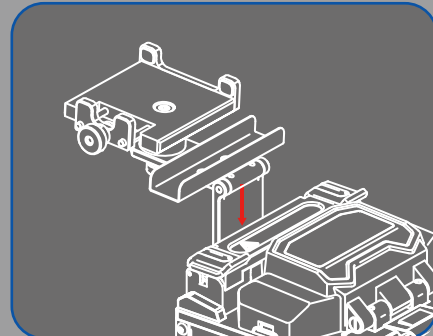


Installation instructions of fiber optic operating platform

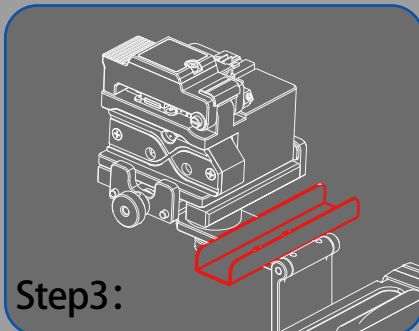


Step1:

Fasten the fixing base to the back of the splicer with screws

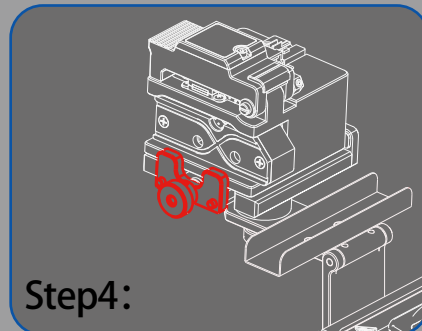


Insert the support frame into the socket of the base, adjust it to a proper height, and tighten the screws



Step3:

Place the cooling tray on the support frame, and make its hole position coincide with the point position on the support plate



Step4:

Place the fiber cleaver on the operating table, adjust the depth of the screw to make the rubber pad and the cleaver completely fit

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 :	3400mAh 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: 100–240V DC: 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 CFS-3 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

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.