

FX39

Six motor trunk Welding machine



6S fast
splicing



16S fast
heating



Capacitive
touch screen



Core
alignment



Six-motor
alignment

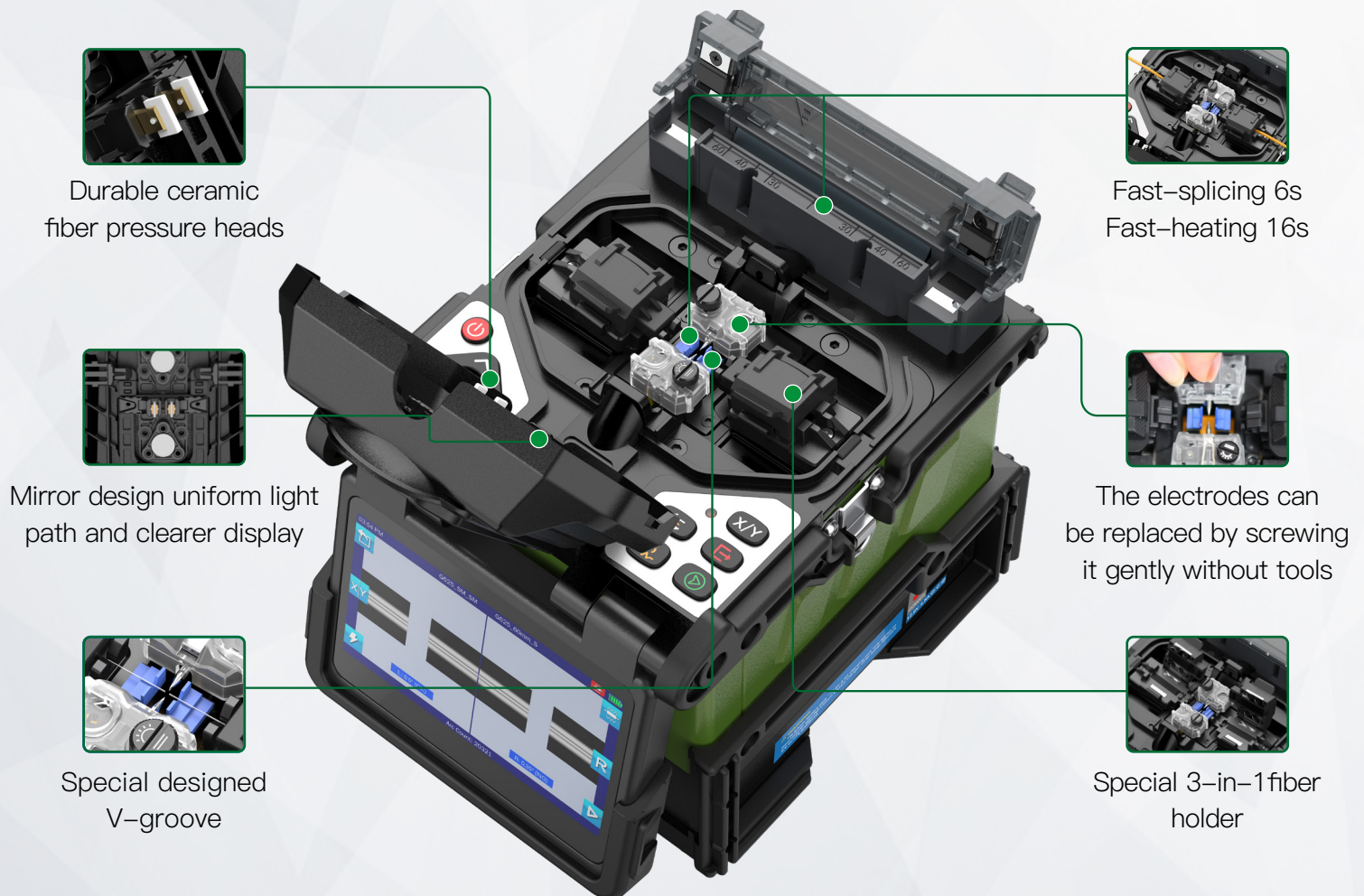


Tool-less
Electrodes
replacement

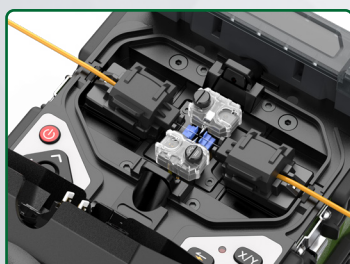
Product features and functions

- 6S fast splicing, 16S fast heating
- 5000 times electrode service life
- Average splice loss 0.01dB
- 4.3-inch capacitive touch screen
- Six motor trunk welding machine
- 3 years warranty
- 7800mAh battery, 400 cycles of splicing and heating
- Silicone protective cover, can effectively waterproof, anti-fall, anti-vibration

Product selling points



3-IN-1 Fiber Holder



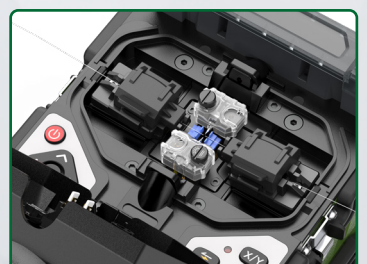
Jump fiber



Flat fiber



Pig tail fiber



Bare fiber

Fiber core visible

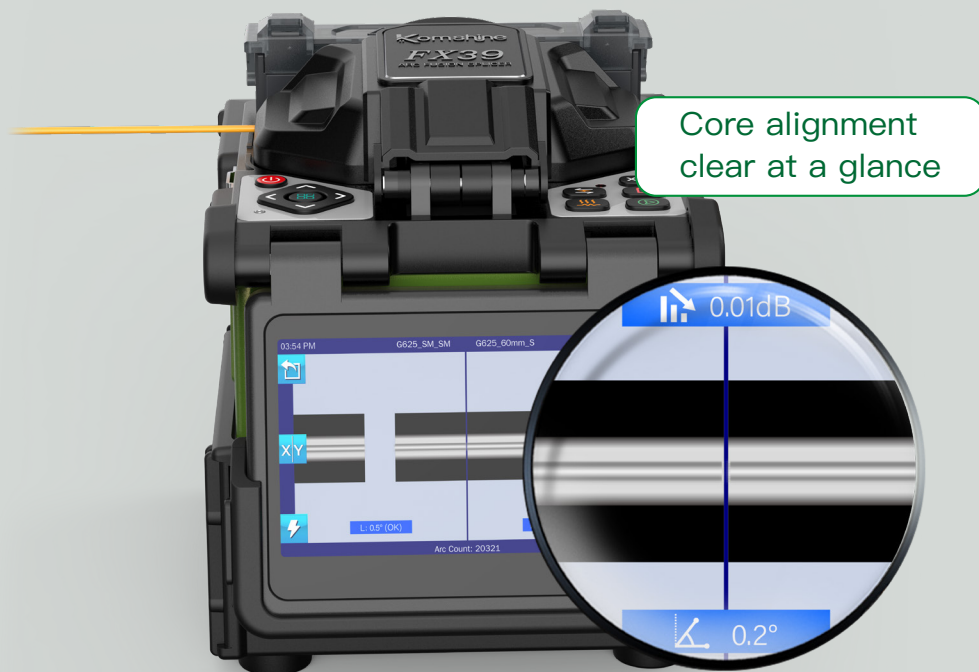
Core alignment



6S
Fast-splicing



16S
Fast-heating



capacitive touch screen



Dual
operation
mode



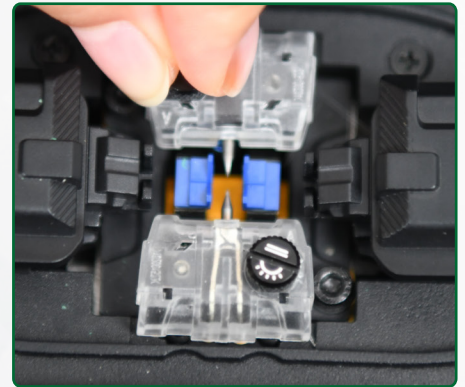
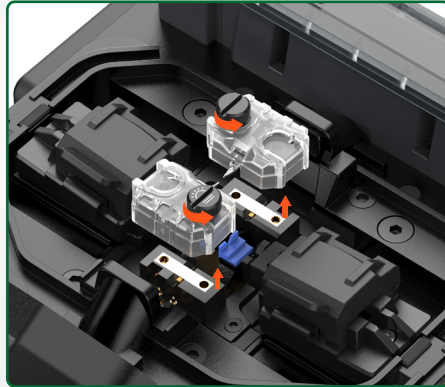
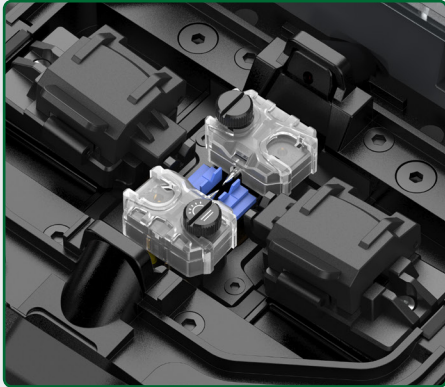
Sensitive
key

Tool-less electrodes replacement

The electrodes can be replaced by screwing it gently without tools convenient and efficient

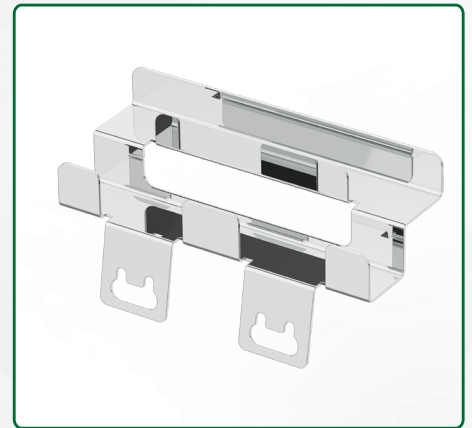
Electrode life around 5000 times(Replaceable)

(Electrode cover of fusion splicer) Appearance patent application number: 202230339418.0

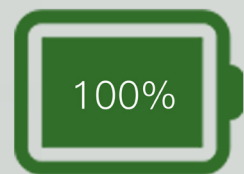


2 layer cooling tanks

Twice as much capacity as usual



7800mAh High capacity Li-battery



Charging
for 3.5h



450 times
splicing & heating

Fiber optic cleaver operating platform

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



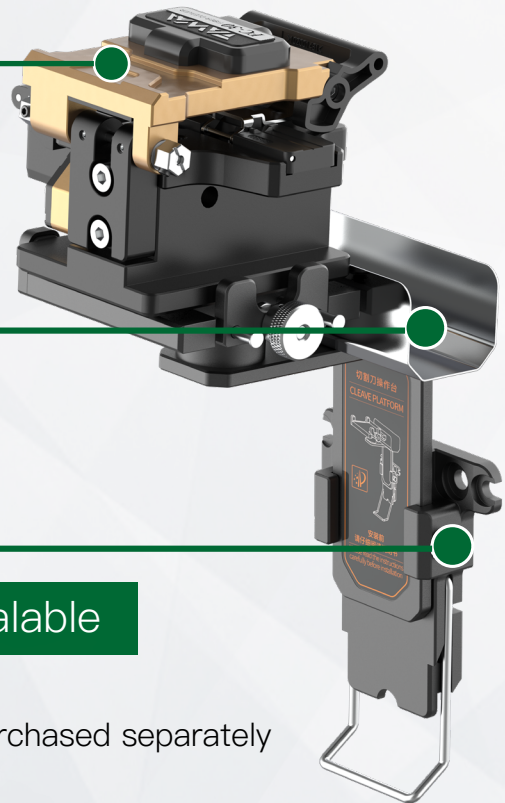
Invention patent application number 202210544729.X

Utility model patent application number 202221202906.8

Suitable for different models
fiber optic cleavers

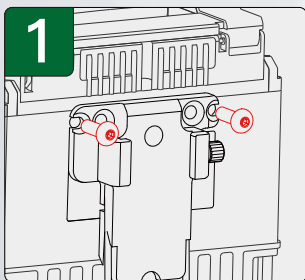
Cooling tray can be placed

Highly scalable

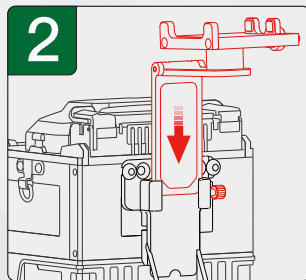


*The operating platform needs to be purchased separately

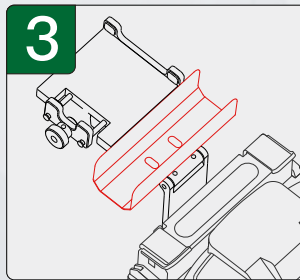
Installation instructions of fiber optic operating platform



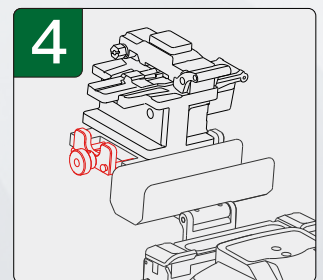
Use the screw to fix
the base



Insert into the base
and tighten



Place the cooling tray



Fix the cleaver with
the screw

Types	Parameter
Splice Method	Core 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 / Rubber-insulated fiber cable
Fiber Holder	Replaceable universal fiber holder
Fiber Diameter	Cladding:80–150μm, Coating: 100–1000μm
Fiber Cleave Length	8~16 mm
Splice Mode	Max 128 modes
Typical Splice Loss	SM: 0.02dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04dB / G.657: 0.02dB ★①
Return Loss	>>60dB
Splicing Time	6 sec (SM G652 Quick mode)
Estimated Splice Loss	Available
Heating Time	16 sec (SM G652 250μm 40mm Sleeve,based on quick mode) adjustable★②
Protection Sleeve Length	20mm, 30mm, 40mm, 50mm, 60mm
Heat Programs	Max 32 modes
Battery Capacity	7800mAh Battery Capacity, Typical 450 Cycles (Splice&Heat) per Charge ★③
Electrode Life	5000 arcs, can be extended by using an electrode grinder ★④
Auto-start	Splice / Heating
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	4.3" touch screen
Fiber Magnification	X, Y, XY, X/Y : 320X Magnification
Power Supply	AC Input 100–240V, DC Input 9–14V
Terminal	USB2.0
Weight	1.72kg without battery / 2.25kg with battery
Size	158H x 132W x 157D mm (including rubber bumper)

★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



Production configuration

Type	Number
① Fusion splicer	1
② Flat Cable Stripper	1
③ Fiber Stripper	1
④ Multi-functional carrying case	1
⑤ Fiber Cleaver	1
⑥ Power charger	1
⑦ Cutting knife storage box	1
⑧ lithium battery	1
⑨ Cooling Tray	1
⑩ FOCW Fiber Cleaning Wipes	1
⑪ Splicing protector sleeves(pcs)	100
⑫ Alcohol bottle	1



HEAD OFFICE

KomShine Technologies Limited

CONTACT US

Add: 2F Bldg. D Qinheng Tech. Pk. Nanjing, JS, 210001, China

Web: www.komshine.com

Mail: info@komshine.com

TEL: +86 17366186481

* Komshine reserves the right to improve, enhance, or modify the features and specifications of KomShine products without prior notification.

*Company and product names appearing in this catalogue are resisterd marks or trademarks of respective companies.

* This catalogue is printed using environmentally friendly paper and ink.