Trunk Optical Fiber Fusion Splicer
FX 39

Product Features and Functions

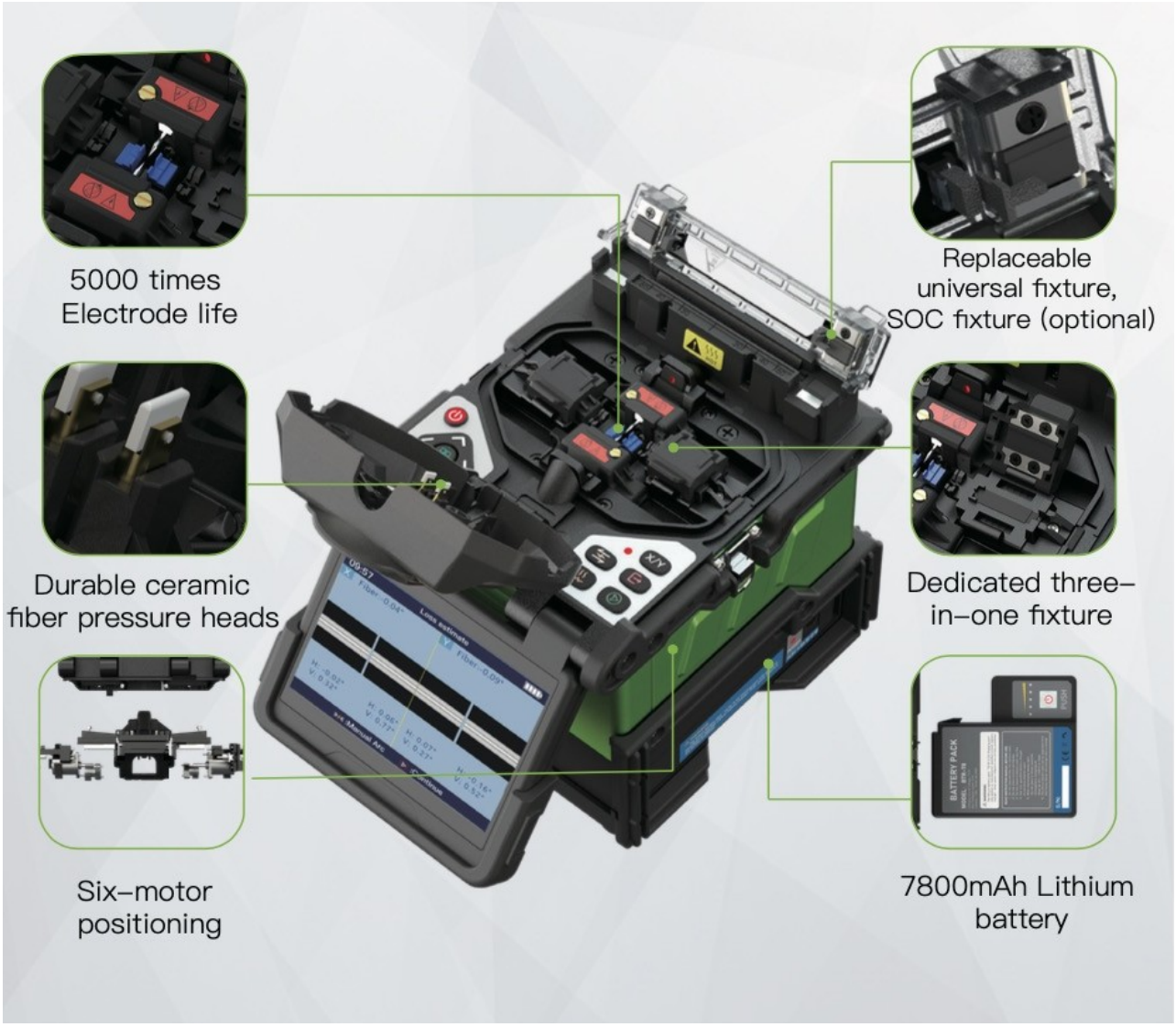
- 6S fast splicing, 16S fast heating
- 5000 times electrode service life
- 7800mAh battery, 400 cycles of splicing and heating
- Average splice loss 0.01dB
- Can store 10000 sets of splicing results and 2000 sets of images
- 4.3 inch LCD color display
- USB interface, convenient for data downloading and software updating
- Silicone protective cover, can effectively waterproof, anti-fall, anti-vibration
- Real-time discharge correction, stable splicing accuracy
- Small size, easy to carry and transport

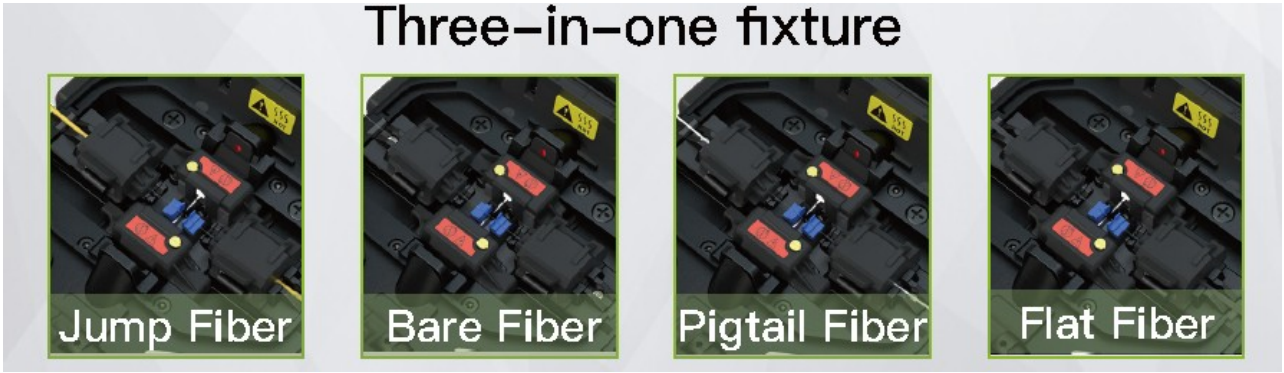
Product Parameters

Alignment method	Core to core alignment
Applicable fiber type	SM (ITU-T G.652&G.657) / MM (ITU-T G.651) / DS (ITU-T G.653) / NZDS (ITU-T G.655)
Fiber type	Replaceable universal fixture, SOC fixture (optional)
Fiber diameter	Cladding diameter: 80-150μm, coating diameter: 100~1000μm
Cutting length	8~16 mm
Splicing mode	Maximum 128 groups
Splicing loss	SM: 0.02dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04dB / G.657: 0.02dB ★①
Return loss	>>60dB
Splicing time	6 seconds (SM G652 QUICK mode)
Loss estimation	Yes
Heating time	16 seconds (SM G652 250um 40mm heat shrink tube,based on quick mode) user adjustable
Applicable heat shrinkable length	20mm, 30mm, 40mm, 50mm, 60mm
Heating mode	Maximum 32 groups
Battery capacity	7800mAh Lithium battery, each cycle supports 400 times splicing and heating ★②
Electrode life	About 5000 times discharges ★③
Automatic discharge calibration	Automatically calibrate according to ambient temperature and air pressure changes
Result storage	10000 sets of splice data, or 2000 sets of splice images
Tension testing	1.96~2.25N
Operating conditions	Altitude: 0~5000 meters, relative humidity: 0~95%, -20~50, maximum wind speed: 15 meter/second
Storage condition	Relative humidity 0~95% , -20~60°C temperature
Display screen	4.3 inches, high-definition LCD display
Zoom in and display	X, Y, XY, X/Y : 320 times magnification
Weight	1.72kg Without battery / 2.25kg with battery
Size	158H x 132W x 157D mm (including rubber bumper)
Port	USB2.0

★① Use standard optical fiber, according to the ITU-T and IEC standard cut method to test the results, the loss will change due to the environment and the characteristics of the optical fiber.
★② The results measured in room temperature environment are largely affected by the battery usage status and operating environment.
★③The life of the electrode will change due to the environment, fiber type and splicing mode.

Product Selling Points





Product Configuration

For More Information:

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