decaat

A3

Handheld FTTx
Fiber Fusion Splicer
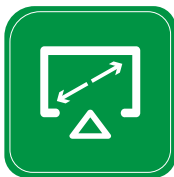
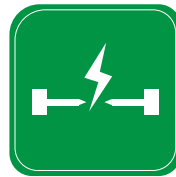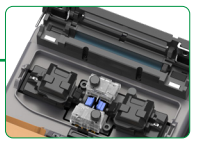|					
9s Fast-splicing	35s Heating	3.5" Color screen	0.01dB Average loss	5000 Electrodes life	4 Motors aligning

Main Features

- Fast-splicing 8s, fast-heating 18s
- Average splicing loss 0.01dB
- Electrode life: 5000 times
- 200X Magnification. The fiber core is clearly visible
- 3400mAh Battery capacity, 220 splice & heat cycles

- 3.5 Inch color screen
- 4 Motors aligning
- Compact, Light Weight & Faster
- 3-in-1 Fiber holder
- Detachable SOC hot melt head （Optional）

Feature Description

Detachable SOC hot melt head （Optional）

Durable ceramic fiber pressure heads
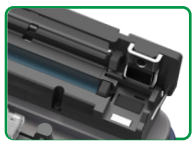
Special designed V–groove

Fast–splicing 9s Heating 35s
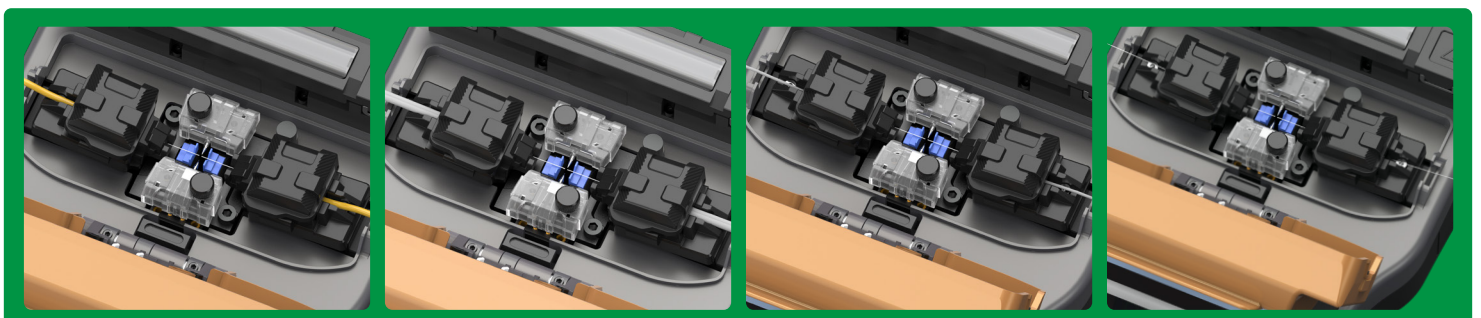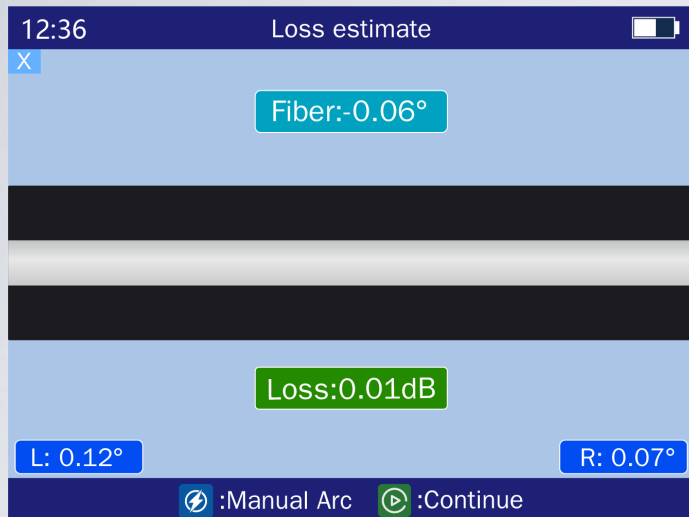
The electrodes can be replaced by screwing it gently without tools

Special 3–in–1fiber holder

3-IN-1 Fiber Holder

Fiber holder suitable for Bare Fiber/ 3.0mm Jump Fiber/ Pigtail Fiber/ FTTH Fiber

12:36   Loss estimate

Fiber:-0.06°

Loss:0.01dB

L: 0.12°   R: 0.07°

⚡ :Manual Arc   ▶ :Continue

9S
Fast–splicing

35S
Heating

12:36   Loss estimate
Fiber:-0.06°

Loss:0.01dB
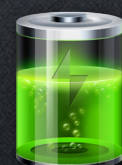L: 0.12°   R: 0.07°
⚡ :Manual Arc ▶ :Continue

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Compact &
light weight

220 splicing &
heating cycles

3400mAh
Battery capacity

Tested with 0.25mm fiber optic and 40mm heat shrink tubing at 25 ° C

Specification

Fiber type	SM (G652 & G657) / MM (G651) / DS (G653) / NZDS (G655)
Average splicing loss	SM: 0.02dB MM: 0.01dB DS / NZDS: 0.04dB
Return loss	Better than 60dB
Typical splicing time	9s (Standard SM)
Typical heating time	35s (Heating time can be set. Heating temperature can be adjusted)
Fiber aligning method	Meticulous; Core; Clad; Manual
Fiber diameter	Clad diameter is 80-150μm; Coating 250-1000μm
Cutting length	Coating layer < 250μm: 8-16 mm; Coating 250-1000μm: 16mm
Heat-shrinkable sleeve	60 mm/ 40 mm and a series of thermal sleeves
Tension test	Standard 2N (can choose)
Fiber clamp	Suitable for Bare fiber, Pigtail fiber, Jump Fiber, Flat Fiber
Fiber image magnification	200X / 125X
Graphical display	3.5 Inch TFT color LCD
External port	USB 2.0 interface, convenient for data download, using U disk upgrade software
Splicing program	100 (User mode); 53 (Factory mode)
Heating program	40 (User mode); 11 (Factory mode)
Fusion splicing record	Saved 10000 groups splicing results.100 Sets of latest images
Electrode life	5000 Times
Splicing & Heating	Continuous welding, heating no less than 220 times (typical)
Internal battery	Lithium battery 12.5V power supply (10.8V storage) Independent charger, charging time ≤3.5
Power supply	Power supply connector, external adapter (Import AC: AC100-240V, 50/60Hz, Export DC: DC13.5v/4.8A)
Working environment	Temp: -10~50℃; Hum < 95% RH (no condensation) Elevation:0~5000M; Resist the maximum wind speed: ≤ 15m/s
High-brightness lights	Convenient for placing fibers at night
Size	193 x 125 x 85 (mm)
Weight	1.05kg (without battery) 1.2kg (with battery)

The above data were obtained by Jilong Laboratory in 20℃

Product Display

Packing List

① Fiber optic cleaver

② Carry bag (Including Suspenders & belts)

③ Splicing protector sleeves (piece)

④ Alcohol bottle

⑤ 3–hole fiber stripper

⑥ Drop cable stripper

⑦ Mini Fusion splicer

⑧ Power charger

⑨ Lithium battery

⑩ Cutting knife carrying box