

Package



- 1 Fusion Splicer C10S 2 User Guide 3 Stripper CS-02-B 4 Extra electrode CE-03
 5 One-step cleaver CC-03 6 Carrying case CP-01 7 High capacity battery BAT-03
 8 AC adapter AC-02 9 Cooling tray 10 USB cable 11 Hand strap 12 Shoulder strap 13 Alcohol bottle

Specifications

Size&Weight	D170×W135×H149 (mm), 2.51kg (2.97kg with battery)
Fiber alignment	6 motors core alignment
Fiber type	SM(ITU-T G.652), EB(ITU-T G.654), MM(ITU-T G.651), DS(ITU-T G.653), NZ/NZDS(ITU-T G.655), BI(ITU-T G.657)
Splice mode	Single fiber
Fiber diameter	Cladding diameter 80~150μm, coating diameter 100~3000μm
Cleave length	250μm cladding diameter 8~16mm, over 250μm cladding diameter 16mm
Splicing programs	Max. 200
Splicing time	5 sec. [SM Fast] program, 10 sec. [SM G652] program
Heating programs	Max. 30
Heating time	Adjustable, 8 sec. typical
Splice protector	10~60mm
Splice image capture	Max. 800
Splice data storage	Max. 20000
Splice loss	SM:0.02dB, MM:0.01dB, DS:0.04dB, NZ/NZDS:0.04dB, BI:0.02dB
Return loss	>>60dB
Loss estimation	Provided
Operation condition	Altitude 0~5000m, Humidity 0~95%, Temperature -10~+50°C, Wind velocity up to 15m/s
Storage condition	Humidity 0~95%, Temperature -40~+80°C (Battery -20~+40°C)
Tension	1.96~2.25N
Screen	5 inch touch screen
Fiber magnification	300x for both X&Y dual axis view, 750x for X or Y single axis view(zoom up)
Port	High speed USB
Electrode life	5000 ARC discharges
Power supply	AC100-240V, 50/60Hz
Battery parameters	8400mAh High capacity battery, more than 500 times splicing and heating



Innovation Patent

Integrated GPU

C10S
2023 Version



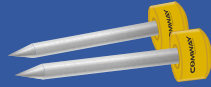
5-inch Touch
Screen

2 in 1

Fiber Endface melter & Fusion splicer



ID electrode:
scan for origin



Fiber Endface Melter & Fusion Splicer 2 in 1



Waterproof

Dustproof

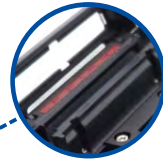
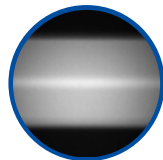


Smart ARC Control Technology

Automatic calibration ARC discharge, different environment, same stable loss.

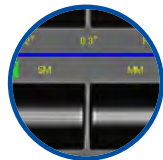
Rapid Heater

Faster and more power saving.



Ultra narrow ceramic V-groove, suitable for any application.

Ceramic fiber presser, stable and durable.



Core alignment with auto-fiber identification.



Large capacity battery, over 500 times splicing and heating.



750X single axis view



Simple light source, easy to be maintained.

Feature



Remote Locker
Anti-theft

6 motors core alignment
5 Sec Splicing, 8 Sec Heating



Ultra low loss



Super battery
8400mAh



ID Electrode
5000 Cores



Tension
1.96~2.25N

1.2m

Anti-shock



Operation condition



Temperature
-10~+50°C



Humidity
0-95%



Altitude
0~5000m



Wind velocity up to
15m/S