

Package



- 1 Fusion Splicer C10S 2 User Guide 3 Stripper CS-02-B 4 Extra electrode CE-03
5 High precision cleaver C109 6 Carrying case CP-01 7 High capacity battery BAT-03
8 Adapter 9 Cooling tray 10 USB cable USBC-01 11 Hand strap 12 Shoulder strap 13 Alcohol bottle

Specifications

Size & Weight	D156×W135×H149 (mm), 2.0kg (2.5kg 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. with micro sleeves, 12 sec. with slim 60 mm and 40 mm sleeves
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	4.3 inch high resolution display
Fiber magnification	300x for 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
Tracking	GPS positioning and tracking system through inbuilt SIM card (Option)

Innovation Patent Integrated GPU

- More Efficiency
- Low Power Consumption

C10S



2 in 1

Fiber Endface melter & Fusion splicer

5G
G.654E

6 Motors
core alignment

750X
Single axis view

5 Sec
Splicing
8 Sec
Heating

Remote
Locker
Anti-theft

GPS
(option)

ID electrode:
scan for origin

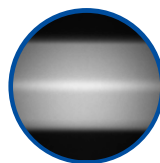


Fiber Endface Melter & Fusion Splicer 2 in 1



Smart ARC Control Technology

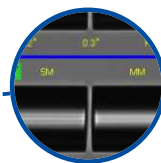
Automatic calibration ARC discharge,
different environment, same stable loss.



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



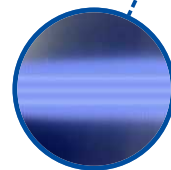
Ceramic fiber presser,
stable and durable.



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.

Waterproof



Dustproof



Feature



Remote Locker
Anti-theft



Integrated
GPU



Ultra
low loss



Super
battery
8400mAh



ID Electrode
5000 Cores



Tension
1.96~2.25N

Anti-shock

1m



Operation condition



Temperature
-10~+50°C



Humidity
0-95%



Altitude
0~5000m



Wind velocity up to
15m/S