

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)

PELORUS
Enabling Technology in the Right Direction

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

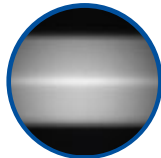


Fiber Endface Melter & Fusion Splicer 2 in 1



Smart ARC Control Technology

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



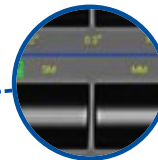
Ultra narrow ceramic V-groove, suitable for any application.



Ceramic fiber presser, stable and durable.



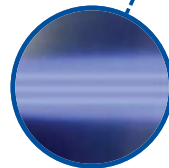
Core alignment with auto-fiber identification.



Simple light source, easy to be maintained.



Large capacity battery, over 500 times splicing and heating.



750X Single axis view

Rapid Heater

Faster and more power saving.



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