

Package



- 1 Fusion Splicer C7S 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 14 Fiber Thermal Stripper
15 Reflective Safety Vest 16 FiberClip Wipe 17 Catalog

Specifications

Size&Weight	D170×W149×H154(mm), 1.97kg (2.51kg 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 5~16mm, 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:0.01dB, MM:0.01dB, DS:0.02dB, NZ/NZDS:0.02dB, 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	320x 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	6300mAh High capacity battery, more than 500 times splicing and heating



Innovation Patent

Integrated GPU

COMWAY
TECHNOLOGY

C7S



Economical Core Alignment Fusion Splicer

5G
G.654E

core alignment

6 Sec
Splicing
12 Sec
Heating

750X
Single axis view

Remote Locker
Anti-theft

5 inch touch screen

ID electrode:
scan for origin



Fiber Endface Melter & Fusion Splicer 2 in 1

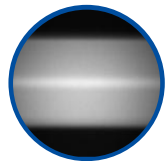


Smart ARC Control Technology

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

Rapid Heater

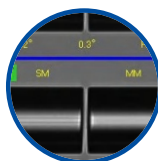
Faster and
more power saving.



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



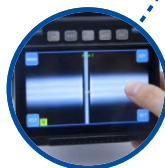
Ceramic fiber presser,
stable and durable.



Core alignment
with auto-fiber
identification.



Large capacity battery,
over 500 times
splicing and heating.

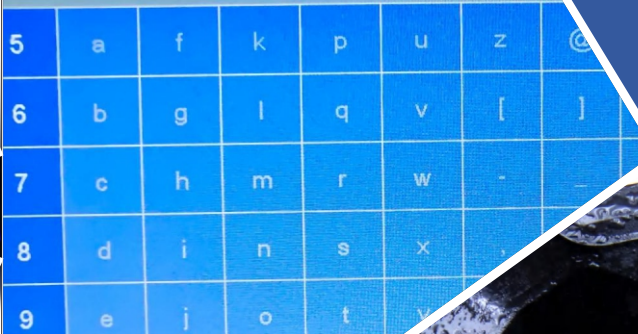


750X single axis view



Simple light source,
easy to be maintained.

Input PASSWORD



Anti-theft

Dustproof

Waterproof

1.2m

Anti-shock



Operation condition



Temperature
-10~+50°C



Humidity
0-95%



Altitude
0~5000m



Wind velocity up to
15m / S