

Package



- 1 Fusion Splicer C7
- 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 Heavy Duty Utility Knife
- 17 Catalog

Specifications

Size & Weight	D156 × W135 × H149 (mm), 1.86kg (2.41kg with battery)
Fiber alignment	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	6 sec. [SM Fast] program, 12 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	300x for X or Y single axis view, 750x for both X&Y dual axis view (zoom up)
Port	High speed USB
Electrode life	5000 ARC discharges
Power supply	AC100-240V, 50/60Hz
Battery parameters	5600mAh High capacity battery, more than 350 times splicing and heating



Innovation Patent

Integrated GPU

COMWAY
TECHNOLOGY

C7



Economical Core Alignment Fusion Splicer

5G
G.654E

core
alignment

6 Sec
Splicing
12 Sec
Heating

750X
Single axis view

Remote
Locker
Anti-theft

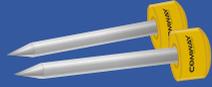
5 inch
touch
screen

COMWAY
TECHNOLOGY

COMWAY TECHNOLOGY LLC
www.comwaytek.com

www.comwaytek.com

ID electrode:
scan for origin



Fiber Endface Melter & Fusion Splicer 2 in 1



Dustproof

Anti-theft

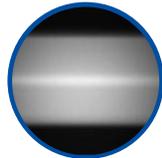
Waterproof

Smart ARC Control Technology

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

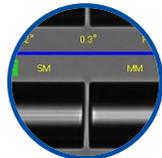
Rapid Heater

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 350 times splicing and heating.



750X single axis view



Simple light source, easy to be maintained.



1m

Anti-shock



Operation condition



Temperature
-10~+50°C



Humidity
0-95%



Altitude
0~5000m



Wind velocity up to
15m/S