

## Package



- ① Fusion Splicer C10R ② User Guide ③ Ribbon Fiber Stripper JHS-10 ④ Extra electrodes CE-04 ⑤ High precision cleaver C109M  
⑥ Spare Fiber Holder ⑦ Carrying case CP-01 ⑧ High capacity battery BAT-03 ⑨ Adapter ⑩ Cooling tray ⑪ USB cable  
⑫ DC charging cable for the ribbon fiber stripper ⑬ AC adapter ⑭ Hand strap ⑮ Shoulder strap ⑯ Alcohol bottle

## Specifications

Size & Weight	D156×W135×H149(mm), 1.7kg (2.5kg with battery)
Applicable fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZ/NZ DS(ITU-T G.655), BI(ITU-T G.657)
Fiber count	Single to 12
Cladding dia.	Single: 125μm / 160μm to 3mm by fiber holder system
Sheath dia.	Ribbon: 125μm / Ribbon fiber thickness 0.25 to 0.4mm
Cleave length	9mm to 9.5mm
Splice mode	Total 100 splice modes
Typical splice time	13sec with SM FAST, 16sec with SM AUTO
Heating mode	20 heating modes
Typical tube heating time	18sec SM FAST
Applicable sleeve	25~60mm sleeve
Splice image capture	Max.800
Splice result storage	Max.10000
Typical splice loss	SM:0.05dB, MM:0.03dB,DS:0.08dB,NZ/NZ DS:0.08dB, BI:0.05dB
Return loss	>>60dB
Fiber View	Two axis CMOS camera with 4.3 inch high-light color LCD
Fiber magnification	X / Y (32~100X magnification), or both X and Y simultaneously
Operating condition	Altitude: 0~3800m above sea level, Temperature : -10~+50℃,Wind : 15m/sec Humidity : 0 ~95%RH
Tension test	1.96~2.25N
Electrode life	2000 splices
Power supply	AC100~240V, 50/60Hz
Battery parameters	8400mAh high capacity battery, more than 240 times splicing and heating
Terminal	USB 2.0 connector for PC communication.
Other features	Time-delay password against theft ID electrode against fake
Option	GPS location system



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## Patented Invention New Arrival



TOP TECHNOLOGY FROM U.S.A

**C10R**



## Ribbon Fiber Fusion Splicer



**12-Core**  
Ribbon splicing



**GPS**  
Location system



**1 Sec**  
Booting up

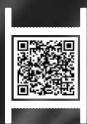


**13 Sec**  
Splicing time



**Ultra-Precision**  
V-groove

**ID electrode:**  
scan for origin



**Waterproof**



**Dustproof**



**Anti-shock**

1m



**Feature**



**Anti-theft**  
Remote upgrade



**High speed USB**  
Maintenance via the internet

Splicing time: **13 sec.** Heating time: **16 sec.**



**Ultra**  
low loss



**Supper**  
battery  
8400mAh



**Id Electrode**  
3000 Cores



**Tension**  
1.96~2.25N

**Operation condition**



**Temperature**  
-20 ~ +50°C



**Humidity**  
0-95%



**Altitude**  
0~3800m



**Wind velocity**  
up to 15m/s

**COMWAY**  
TECHNOLOGY

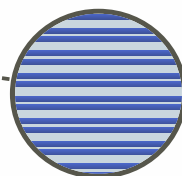
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**Rapid Heater**

Faster and  
more power saving.



Ceramic fiber presser,  
stable and durable.



Over 100X magnification  
to see fiber core clearly



Simple light source,  
no mirror,  
easy to be maintained.

Ultra-precision  
ceramic V-groove



Large capacity battery,  
over 240 times  
splicing and heating.

**Smart ARC Control Technology**

Automatically adjust the ARC value according  
to the number of optical fibers

