

# FIBERGATE FG-180CCM4 Handheld Fusion Splicer



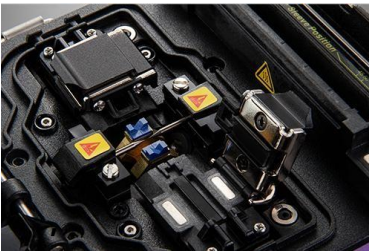
Specially designed for FTTx/FTTH projects



## FEATURES

- ※ Small and light, easy to carry
- ※ 4 motors accurate core to core alignment
- ※ 7 seconds splicing & 26 seconds heating
- ※ Automatic & real-time ARC calibration
- ※ Heating temperature and time both adjustable
- ※ Automatic splicing and heating, easy to operate
- ※ Apply to bare fiber, pigtails, drop cable etc.
- ※ Suitable for FTTx, FTTH, CATV projects etc.

## MORE INFO



> 4000 times discharging  
Automatic ARC calibration



Inductive automatic heater  
No heating without fiber



Long time working battery  
250 cycles splice & heat



Working in rainy  
environment



Working in dusty  
environment



Stable splicing and low  
splicing loss



FIBERGATE SOLUTIONS INC. - USA

## SPECIFICATIONS

Alignment method	4 motors core to core alignment
Applicable fiber	SM (G.652) , MM (G.651) , DS(G.653), NZDS(G.655)
Cladding diameter	80 -150μm
Coating diameter	160–1000μm
Cleaved length	5-16mm (coating diameter < 250um), 16mm (coating diameter:250-1000um)
Typical splice loss	SM: 0.02dB; MM: 0.01dB; DS: 0.04dB; NZDS: 0.04dB
Return loss	> 60dB
Splicing program	40 groups
Operation mode	Manual/ Automatic
Auto- heating	Available
Typical splice time	7 seconds
Typical heating time	26 seconds for 60mm and 40mm shrinkable sleeves
Fiber magnification	250X (X or Y view), 125X (X and Y view)
Viewing display	Dual high sensitivity camera, 4.3 inch 800*480 LCD Monitor
Data storage	4000 groups data records
Loss evaluation	Available
Tension test	1.8~2.25N
Interface	GUI menu interface, easy for operation
Battery capacity	5200mAh Li-battery, 250 cycles splicing and heating
Power supply	Adaptor, input: AC100-240V(50/60HZ), output: DC11-13.5V
Electrode life	More than 4000 ARC discharges, easy to replace
Terminals	USB 2.0 port, for software upgrading, records exporting
Operating	Altitude: 0-5000m, Humidity:0-95%, Temp: -25 °C ~ +50 °C ; Wind: max 15m/s
Dimension/Weight	149mm (L)×120mm (W)×127mm (H) /1.90kg (including battery)

## PACKAGE



Fusion splicer



Fiber cleaver



Fiber stripper



Cooling tray



Spare electrodes



Cleaning tools



Carrying box



Power adapter



Power plug



User manual



Strap



Alcohol pump