



CONNECT by FIBER FORESEE the FUTURE

5 Sec
Splicing
12 Sec
Heating

1.5KG
Handheld



300x
fiber
magnification

Max.20000
storage

5000m
altitude
operation

- 1 Ultra fast splicing (5 sec.); Super heater (12 sec.)
High-efficient working.
- 2 Auto-calibrated ARC discharge, easy to be maintained.
- 3 Large capacity battery for 12 hours (over 240 splice
& heat cycles)
- 4 Windproof, waterproof, dustproof, Anti-shock
- 5 Remote interactive maintenance via internet

Core Alignment Fusion Splicer

Light Weight, Ultra Fast

Low Loss, Stable Performance



Standard Package

Fusion splicer H5	Alcohol bottle
High capacity battery JF-BAT08	Cooling tray
Quick reference guide	AC adapter JF-ADC08
High precision cleaver	DC charging cable
Stripper CFS-2	Hand strap
Drop cable stripper	Carrying case
Extra electrodes	Soft Case Work Table* (Option)

Specifications and descriptions are subject to change without prior notice.

Performance parameter	
Size&Weight	136×141×136(mm)1.5kg(1.8kg with battery)
Fiber alignment	Core Alignment
Splice mode	Single fiber
Holder type	Multi-functional fiber holder
Fiber type	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZ/NZDS(ITU-TG.655), BI(ITU-T G.657)
Fiber diameter	Cladding diameter 80~150μm, coating 100~1000μm
Cleave length	250μm cladding diameter 8~16mm, over 250μm cladding diameter 16mm
Splicing programs	Max.100
Splicing time	5 sec. [SM Fast] program
Heating programs	Max.30
Heating time	Typical 12 sec. (Adjustable)
Splice protector	10~60mm
Splice image capture	Max.300
Splice data storage	Max.20000
Splice loss	SM:0.02dB, MM:0.01dB, DS:0.04dB, NZ/NZDS:0.04 dB, BI:0.02dB
Return loss	> > 60dB
Loss estimation	Provided
Operation condition	Altitude 0~5000m, Humidity 0~95%, Temperature -20~+50°C, Wind velocity up to 15m/s
Storage condition	Humidity 0~95%, Temperature -40~+80°C, (Battery -20~+40°C)
Tension	2N
Fiber view	Two 300x cameras observation, 4.1 inch high-light color screen
Fiber magnification	300x for X or Y single axis view, 150x for both X&Y dual axis view
Port	High speed USB
Electrode life	5000 arc discharges
Power supply	AC100-240V, 50/60Hz
Battery parameters	4000mAh High capacity battery, more than 240 splice & heat cycles (Full charge within 3 hours)