

## 5001 High Precision Fusion Splicer

With smart appearance, reliable quality, HPF5001 Fusion Splicer is a new and special design of Luoyang HOPU for the installation, operation and maintenance of optical fiber specially design a precision, durable, convenient optical fiber construction instrument. Widely used in the construction, inspection, maintenance of fiber cable.

### Features

- Used for FTTH and ordinary fiber project
- 9 sec splicing time and 30 sec heat time
- 300 X or Y view, 150 X and Y view
- Image storage function
- 4.3 inch digital high-quality LCD screen, observe X and Y view at same time
- Three in one fixture, splicing single fiber, cable indoor and pigtail, optional for SOC fast connector
- Small size and light weight, 1.7KG including battery, All metal shell, high strength and beautiful appearance
- V type high power automatic heater with steel based thick film, high thermal efficiency, fast heating and long life
- Core to core alignment by PAS technology
- Built in 5200 mAh capacity Li battery of 300 splicing and heating
- Large amplification and clear core
- Split screen display function

Model	HPF5001 Fusion Splicer
Splicing Type	SM, MM, DS, NZDS
Splicing Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return Loss	>60dB
Splicing Mode	Manual, Half Auto, Auto
Fiber Alignment	Core to Core Alignment by PAS technology
Applicable Fiber	Cable indoor and 0.25mm,0.9mm fiber, SOC connector(option)
Splicing Time	≤9s
Heat Time	≤30s Auto Heat
Cleaved Length	8~16mm
Fiber Image/ Magnification	300/150 times
View Display	4.3 inch digital high-quality LCD screen
Tension Test	Standard 2N (option)
Heat Shrinkable Sleeve	60mm, 40mm and serials heat Shrinkable Sleeve
Battery Capacity	300 cycles splicing and heating, 3 hours charging time ( splicing and charging at same time)
Battery Life	Cycling charge 300-500 times, easy to replace battery
Electrodes Life	3000 splicing, easy to replace electrodes
Power Source	≤20W
Interface	USB Convenient data download and software update
Construction Lighting	Built in high brightness, wide range of lights, easy to operate at night
Power supply	Built in lithium battery 5200mAh 11.1V; external adapter, input: AC100-240V, output: DC13.5V/4.5A
Operating Condition	0-5000m above sea level, Temperature: -10-60℃, Humidity:0~95%RH (No dew)
Weight	1.7 KG (including battery)
Dimension (LxWxH)	150mm(L)×135mm(W)×142mm(H)



HPF5001 Fusion Splicer of Luoyang HOPU

### Standard Configuration

No	Name	Qty
1	Fusion Splicer (HPF5001)	1 set
2	Fiber Cleaver	1 pc
3	Fiber Stripper	1 pc
4	AC Adaptor	1 pc
5	Li Battery (5200mAh)	1 pc
6	Charger	1 pc
7	Spare Electrodes	1 pair
8	Cooling Tray	1 pc
9	User Manual	1 pc
10	Carrying Case	1 pc

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SIDE



SIDE



BACK



CASE