



FSP-500---- Fusion Splicer (FTTH) for drop cable and pathcord.

The fiber fusion splicer(FSP-500)is FTTH fiber splicing machines is a new design of the optical fiber in equipment. In the light of the special FTTH environment.

In fiber application: This fiber fusion splicer light body and the fine design in the even if narrow work environment also can ease; Our this fiber fusion splicer has Novel light, and the fiber fusion splicer can provide fine imaging system and pure digital design makes the image display is more exquisite, clear. The embedded real-time operating system provides the friendly interface and more rich function; The built-in super capacity for long time high performance of lithium battery field work provides reliably.

Temperature, humidity and pressure real-time compensation system has greatly improved the equipment adapt to bad environmental change ability, for in different get low loss in the environment of the consistency of the provide a guarantee.

Main features:

FTTH is environment, can be used in normal optical fiber engineering

Accurate fiber core alignment, guarantee in the low loss

Small volume, light weight, including the battery only 2.8 kg

8 seconds welding, heat shrinkable 30 seconds

X/the Y axis shows at the same time, magnified 304 times

Can be set to close wind cover automatically start welding, closed heating cover heat shrinkable start automatically

Real-time discharge correction, do not need to adjust the parameters

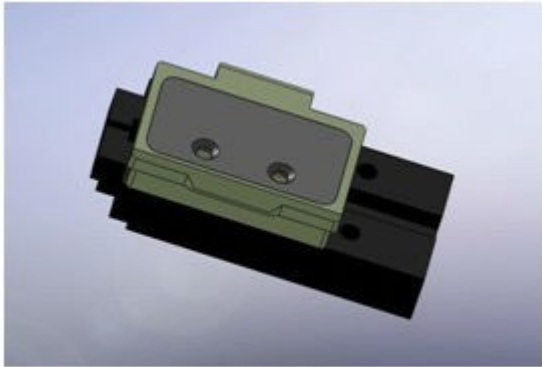
Electrode life is long, discharge is as high as 4000

USB and VGA port

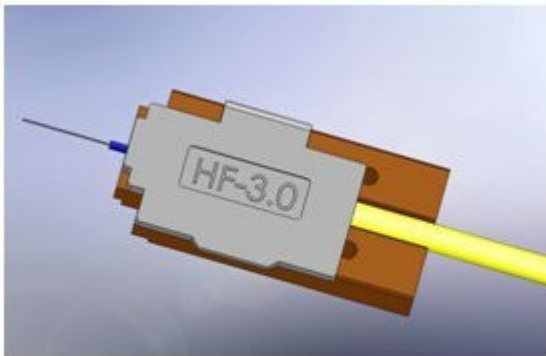
5.7 inch high-definition digital display on the LCD panel

Built-in super capacity of lithium battery, can be completed in 220 times and heating

Real-time accurate says the battery surplus.



皮线夹具



跳线夹具

Applicable Fiber	SMF(ITU-T G. 652), MMF(ITU-T G. 651), DSF(ITU-T G. 653), NZDSF
Average Splicing Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return Loss	< -60dB
Operation Mode	Auto, Half auto, Manual
Align Mode	Advanced PAS align mode.
Fiber Diameter	clad diameter: 80 μ m~ 150 μ m, coating diameter: 100 μ m~ 1000 μ m
Cleave Length	8~16mm(coating diameter< 250 μ m), 16mm(coating diameter 250~ 1000 μ m)
Magnification	Vertical 152times, horizontal 304times.
Image Display	5.7' 640 \times 480 LCD.
Pull Test	Standard 2N(optional).
Pyrocondensation Tube	40mm, 60mm and a series of micro Heat-Shrinkable Tubing.
Battery Capacity	Typically splice 220 times, charging for 3.5 hour(available when charge).
Battery Lifetime	Cycle life up to 300~ 500 times, replaceable.
Electrode Lifetime	> 4000 times, replaceable
Lighting for Construction	Built-in super High-brightness LED supply convenient for night work
Ports	USB, VGA
Power Supply	Built in 11.1V Lithium Ion Battery. AC adopter(input AC100~ 240, output



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	DC13.5V/4.5A)
Environment Adaptation	Temperature range: -10° C~ 50° C; Humidity: 95%RH(40° C), no condensing); Altitude: 0~ 5000m
Size	L× W× H=160× 150× 140(mm)
Weight	2.3kg(no battery), 2.8kg (including battery)

Standard equipment:

Key	Description	QTY
1	FSP-500 Fiber Splicer	1
2	Fiber holder FH-71A-2.0	1 pair
3	Fiber holder FH-71A-SC	1 pair
4	AC power adpoter	1
5	AC current cable	1
6	Standby electrode	1 pair
7	Blower brush	1
8	Bottle with siphon	1
9	Cooling tray	1
10	User's manual	1
11	Luxury tote kit	1

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