

GS-405 Arc Fusion Splicer



Description:

Grandway GS-405 is a cost-effective fusion splicer that can be used not only for FTTH engineering, but also for metropolitan area network construction.

GS-405 adopts a 4-motor cladding-to-cladding alignment design, which can better adapt to the surrounding environment in the complex construction site, greatly improve the success rate and quality of fiber connection.

In addition, GS-405 is equipped with a color touch screen and newly designed interaction menu. We believe it can bring more convenience to your work.

Features:

- 4 motors active V-groove cladding alignment technology
- 4.3 inch touch screen LCD
- Fast splice time: 6 sec
- Fast heating time: 15 sec
- Dual LED illumination for dark environment work
- 3-in-1 sheath clamps, applicable for 0.25/0.9/2/3mm coating fibers
- Real-time compensation of discharge arc based on air pressure and temperature
- 5200mAh Li battery provides 200 cycles of splicing and heating



Specification:

Model	GS-405
Alignment	4 motors cladding alignment
Applicable Fiber Type	SMF(G.652), MMF(G.651), DSF(G.653), NZDSF(G.655), BIF(G.657), EDF
Sheath Clamp	Multi-function, suitable for bare fibers, drop cables, patchcords
Fiber Diameter	Cladding:80~150μm, coating:100~1000μm
Splice Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return Loss	>60dB
Splice Mode	Manual, Half-Auto, Auto
Splice Time	6s
Heat Time	15s
Cleave Length	8~16mm
Fiber Magnification	300X/100X
View Display	4.3 inch touch screen LCD
Tension Test	about 2N
Heat Tube	60mm, 40mm and series heat shrinkable sleeve
Splice Result Storage	3000 results
Battery	200 splicing and heating cycle, 3 hours charging time
Electrodes Life	5000 arcs
Interface	Mini USB, RJ45 Ethernet
Illumination	Built in high brightness, wide range of LEDs, easy to operate at night
Power Supply	Lithium battery 5200mAh; external adapter, input: AC100~240V 50/60Hz, output: DC11~13.5V/4.5A
Operating Condition	0~5000m above sea level Temperature: -20~50℃ Humidity: 0~95%RH (No dew) Wind speed: ≤15m/s
Storage Condition	Temperature: -40~80℃ Humidity: 0~95%RH (No dew)
Weight	1.95kg (including battery)
Size	130mm(L)×154mm(W)×132mm(H)

Standard Package:

No.	Item	Qty
1	Fusion Splicer	1 set
2	Fiber Cleaver	1 pc
3	Fiber Stripper	1 pc
4	Drop Cable Stripper	1 pc
5	AC Adapter	1 pc



6	AC Power Cord	1 pc
7	Li Battery	1 pc
8	Spare Electrodes	1 pair
9	Cooling Tray	1 pc
10	User Manual	1 pc
11	Certificate of Approval	1 pc
12	Carrying Case	1 pc

