

# GW820

## FIBER OPTIC FUSION SPLICER

Affordable Solution for Integrated Fiber Preparation Tool Demand

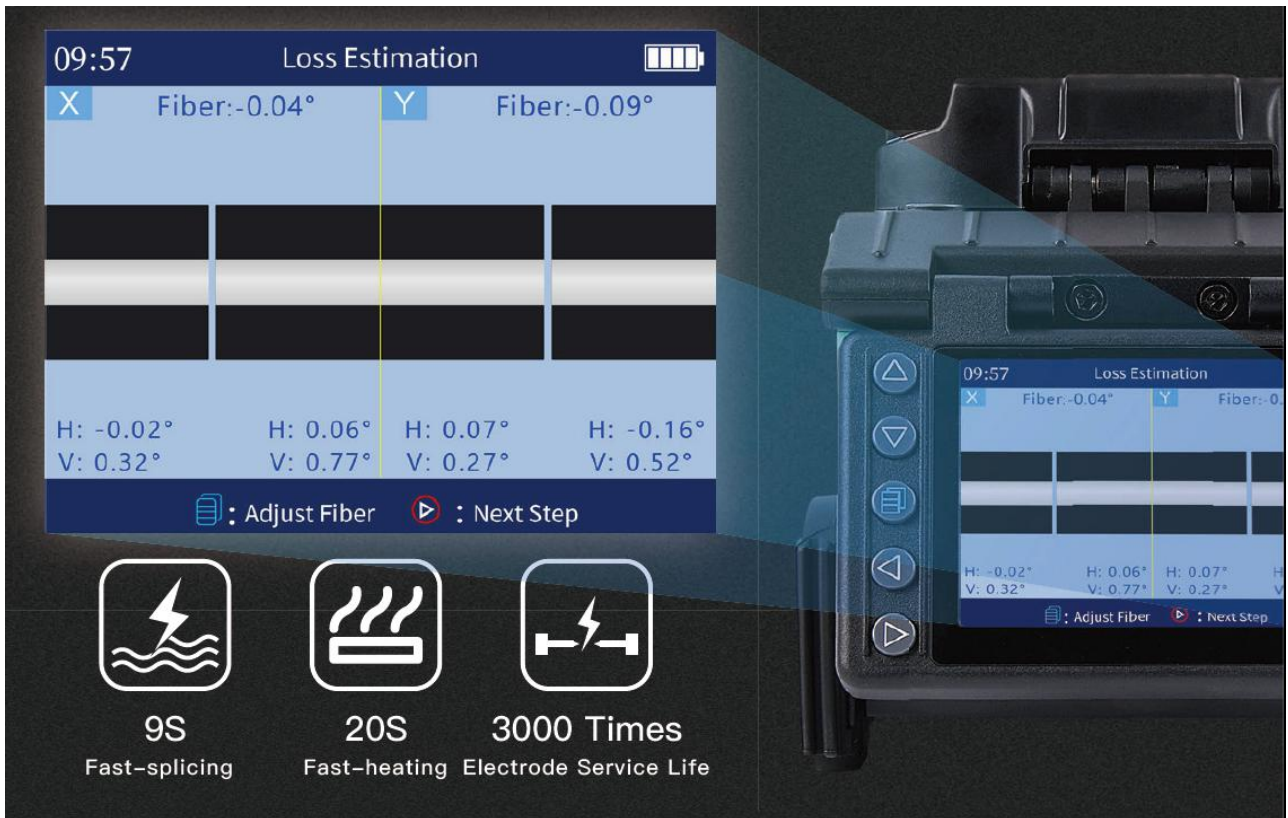


### Main Characteristics

- Fast-splicing 9S ,Fast-heating 20s
- Electrode life: 3000 times
- Average Loss under 0.01dB
- 5200mAh Battery Capacity Circular Welding 350 times
- Saved 10000 groups Splicing Results. 100 sets of Images
- Compact, Lightweight
- 3.5 Inch 800\*480 HD LCD Screen
- 300X(X-axis or Y-axis); 150X(X-axis or Y-axis)
- Combined with the Real Time Discharge Processing for Low Loss Splice
- USB Interface; Convenient for data download and software Update



### Features



All-in-one Fiber Holder



## Specifications

<b>Model</b>	<b>GW820 Fusion Splicer</b>
Alignment	Core to core alignment by PAS technology (PAS: Profile Alignment System)
Applicable fibers	SM(G.652 &G.657),MM (G.651).DS(G.653),NZDS (G.655)
Compatible Fiber	Bare fiber (0.25mm),Pigtail (0.9mm), Patch cord (3.0mm) ,Flat/Drop cable
Fiber cleave length	Coating layer < 250μm: 8 ~ 16 mm; Coating 250 ~ 1000μm: 16mm
Typical splice loss	0.02dB(SM)、 0.01dB (MM)0.04dB (DS/NZDS)
Control Technique	Real-time control and correction of welding arc; Self-adaptation within working environment; Self-adaptive electrode oxidation
Return loss	> 60dB
Typical Tube Splicing Time	9S(Standard SM)
Typical Tube Heating Time	20S(Heating time can be set. Heating temperature can be adjusted)
Fiber Aligning Method	Meticulous ; Core ; Clad ; Manual
Fiber Diameter	Clad Diameter is 80 ~ 150μm; Coating100 ~ 1000μm
Heat-shrinkable Sleeve	60 mm,40 mm and a series of thermal sleeves
Tension Test	Standard 2N(can choose)
Fiber Image Magnification	300X(X-axis or Y-axis); 150X(X-axis or Y-axis)
Display	3.5 inch TFT Color LCD,can be flipped, convenient bidirectional operation
Electrode life	3000 times
External Port	USB 2.0 interface, convenient for data download, using U disk upgrade software
Splicing Program	100(User Mode) ; 53(Default Mode)
Heating Program	40 (User Mode) ; 11 (Default Mode)
Storage of splice result	10000 groups splicing results.100 sets of latest Images
Internal battery	Lithium battery 5200mAH 12.5v
Power Supply	Power supply connector, external adapter AC100~240V,50/60Hz, 0~1.5A, DC 13.5v/4.8A
Working environment	Temp:-10~50℃; Hum:0~95%RH Elevation:0~5000M; maximum wind speed : ≤ 15m/s
High-brightness lights	Convenient for placing the fiber at night
Dimension	122mm×148mm×130mm
Weight	1.44kg (Without Battery).1.77kg (With Battery)
Languages	English, Spanish, French, Portuguese, Italian, Russian,Vietnamese,Arabic

## Accessories



1. Main body Fusion splicer
2. Built-in Battery
3. Fiber Cleaver
4. Spare Electrodes
5. Fiber stripper
6. AC Adapter
7. Multi-purpose adapter
8. Splice protection sleeves 60mm
9. Fiber cleaning wipes
10. Tweezers
11. Carrying case(work table)