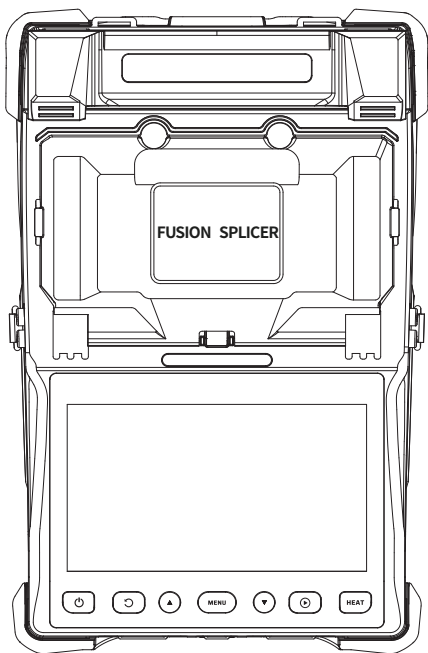


High Performance-FTTH Optical Fiber Fusion Splicer



3S start-up



low loss



4.3 inch HD
touch screen

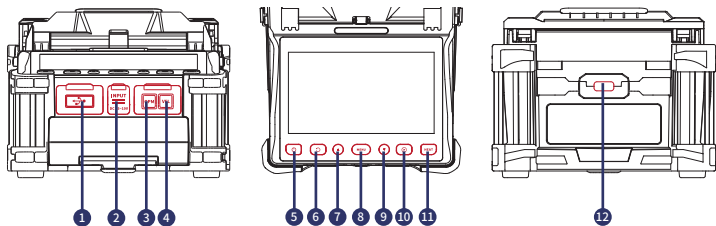


Intelligent Arc
Correction



6s fast welding 18s
efficient heating

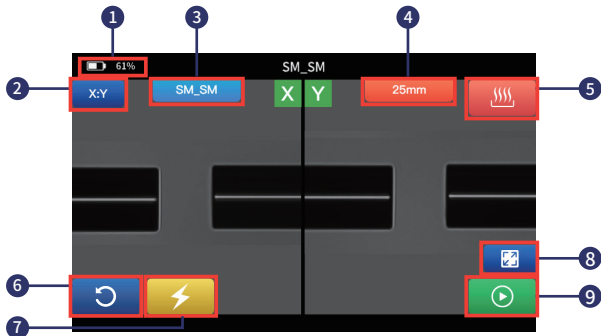
Introduction to function keys and interfaces Introduction



- ① USB, U disk interface
- ② Charging interface
- ③ OPM interface
- ④ VFL interface
- ⑤ Turn on and off the machine
- ⑥ Motor reset button
- ⑦ Up button
- ⑧ Menu button
- ⑨ Down button
- ⑩ Splicing/Confirm button
- ⑪ Heating button
- ⑫ LED lamp

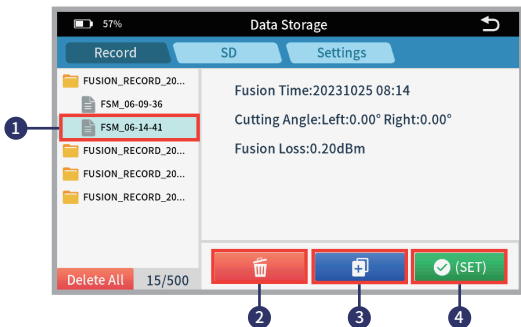
Operation panel function and display

User welding interface, automatic welding and automatic heating functions are enabled by default.



- ① Battery power
- ② Camera angle switch
- ③ Fiber splicing mode
- ④ Fiber heating mode
- ⑤ Turn heating on/off
- ⑥ Motor reset icons
- ⑦ Discharge correction
- ⑧ Hide interface icons
- ⑨ Start/continue fiber splicing

Splice record display/export function



- 1 Select splicing data record
- 2 Delete Record
- 3 Export records of selected files/folders to U disk
- 4 Open splice record

Query the usage times of electrode rods/replace electrode rods

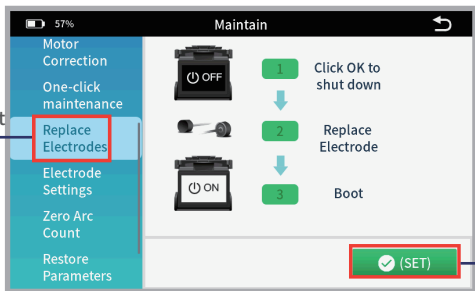
Users can check the number of times the electrode rod has been used and replace the electrode rod by themselves, or replace the electrode rod when an alarm is generated when the electrode rod reaches the end of its service life.

The screenshot shows the 'Information' application interface. At the top, there are tabs for 'Version' and 'Maintenance'. The 'Maintenance' tab is active, displaying a table of electrode rod usage statistics. The 'Current Discharges' row is highlighted with a red box. A blue line connects the bottom of this box to the text below.

Discharge Count	0
Current Discharges	0
Last Maint.	2023-10-12
Next Maint.	2024-10-12
Activation Date	2023-07-15

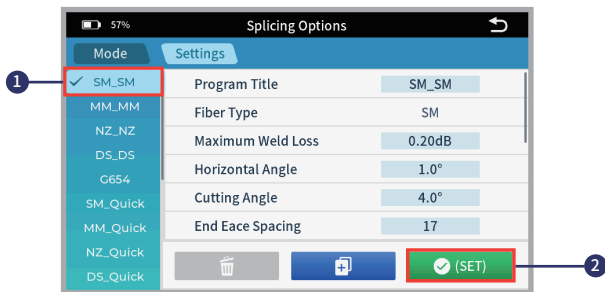
Query the number of times the electrode rod has been used

Select the electrode replacement option



Start replacing electrodes

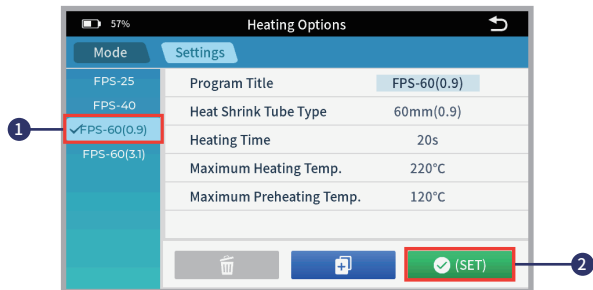
Welding mode switching



1 Select splicing mode

2 Switch splicing mode

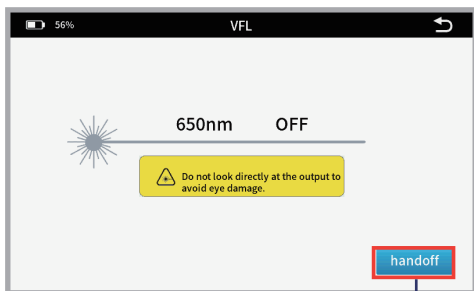
Heating mode switch



1 Select heating option

2 Toggle heating options

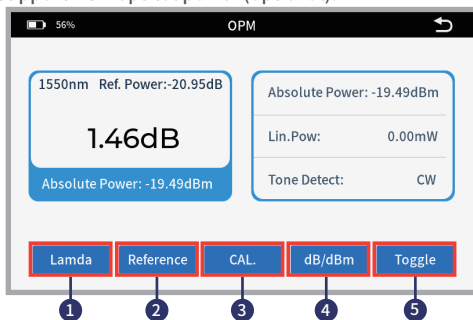
Red light function settings



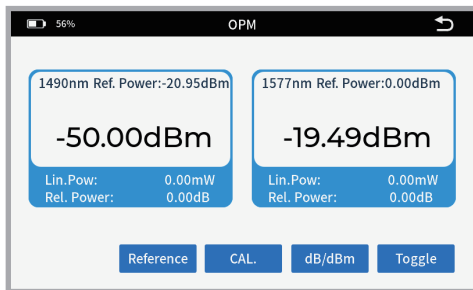
Switching VFL status: four modes: always on mode, 1Hz, 2Hz, and turn off

Optical power meter settings

Support PON optical power (optional).



- 1 Wavelength selection
- 2 Set reference value
- 3 Optical power calibration
- 4 Display power switch
- 5 PON optical power switching



Click Switch to switch to the PON optical power interface.

Technical indicators

Image magnification	380X
Discharge correction	Real time Discharge Correction (Manually available)
Extension module (Optional)	OPM/VFL
Clamps	Three in one multifunctional clamps, Support SOC fixtures (optional)
Applicable fiber type	Include G651、G652、G653、G655、G657
Splice loss	SM:0.02dB, MM:0.01dB, NZ:0.03dB, NZDS:0.04dB
Discharge electrode	≥5000 times
Splice mode	Splice program preset 500
Heat mode	200 preset heating programs
Auto heating	Support
Splice time	Fast 6 seconds, typical 8 seconds
Heat time	Standard heating time 18 seconds
Return loss	≥60dB
Splice protector	20~60mm, supports SOC (optional)
Storage	Can store about 6000 images and 60000 sets of data
Interface	GUI graphical operation interface, equipped with graphical maintenance navigation function
Battery capacity	5200mAh, built-in charging
language	There are multiple display languages for users to choose
Altitude&Temperature &Wind Speed	Can work at an altitude of 0 meters to 5000 meters, -20°C~+50°C, wind speed 15m/s
Humidity	0~95%(no condensation)
Storage conditions	Relative humidity 0~95%, -40~80°C
Input/Output	AC100~240V, DC15~19V
Boot time	3 seconds fast boot
Display	4.3-inch high-definition capacitive touch screen, button/touch dual control
Power output	USB reverse charging/lighting