

Multifunctional fiber optic fusion splicer

**Voice
broadcast**
Intelligent
broadcast tips

5 inch
HD full
touch screen

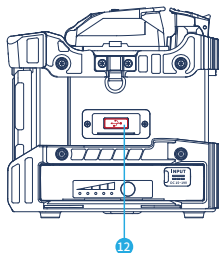
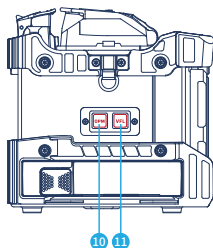
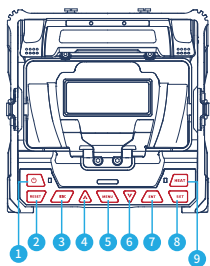
320X
Image
magnification

**6 seconds
welding**
**18 seconds
heating**

6000mAh
large capacity
battery

3S
instant on

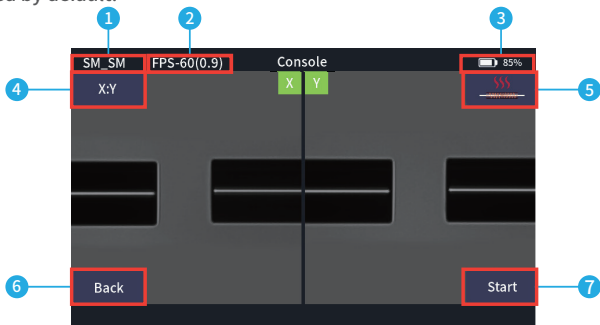
Introduction to function keys and interfaces Introduction



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

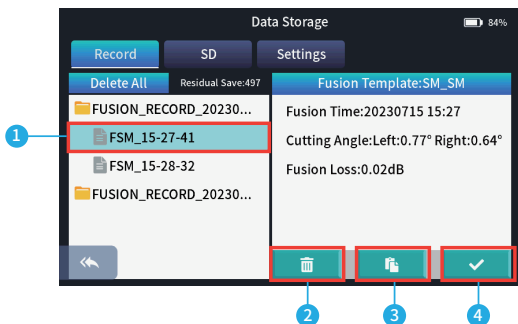
Operation panel function and display

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



- 1 Fiber splicing mode
- 2 Fiber heating mode
- 3 Battery power
- 4 Camera angle switch
- 5 Turn heating on/off
- 6 Return to menu
- 7 Start/continue fiber splicing

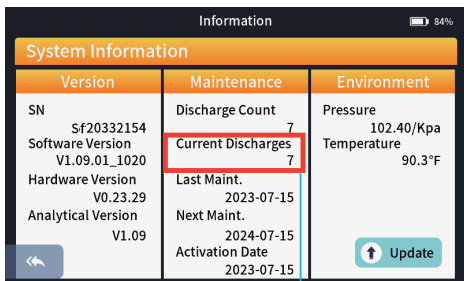
Splice record display/export function



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

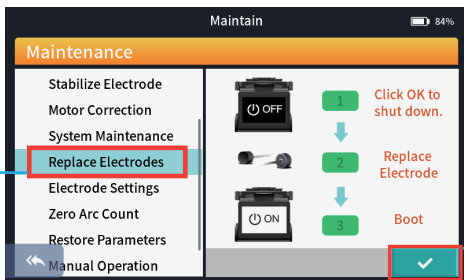
Query the usage times of electrode rods/replace electrode rods

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.



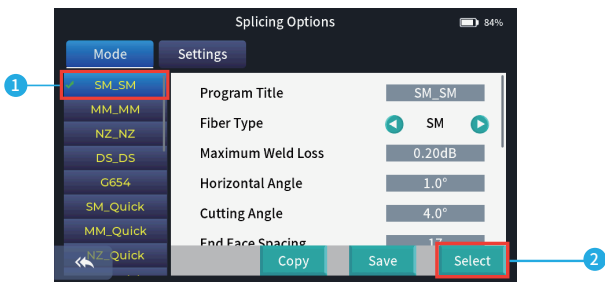
Query the number of times the electrode rod has been used

Select the electrode replacement option



Start replacing electrodes

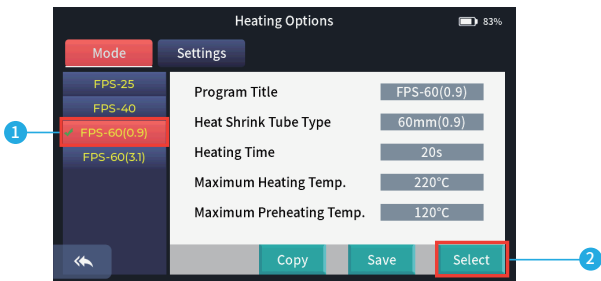
Welding mode switching



1 Select splicing mode

2 Switch splicing mode

Heating mode switch



1 Select heating option

2 Toggle heating options

Red light function settings



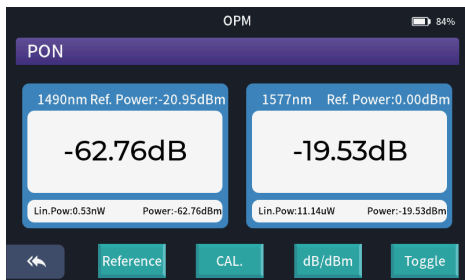
- 1 Always on mode
- 2 1HZ flash mode
- 3 2HZ flashing mode
- 4 Turn off the red light

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 specifications

Image magnification	320X(can be extended 400X)
Discharge correction	Real time Discharge Correction (Manually available)
Extension module (Optional)	OPM/VFL/OTDR/10GPON
Clamps	Three in one multifunctional clamps,Support SOC fixtures(optional)
Applicable fiber type	Include G651、 G652、 G653 、G654 、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	Standard fusion time is 7 seconds, fast fusion is 6 seconds
Heat time	Standard heating time 18 seconds,time adjustable
Return loss	≥60dB
Splice protector	20~60mm, support 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	6000mAh, 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	5-inch high-definition capacitive touch screen, button/touch dual control
Power output	USB reverse charging/lighting