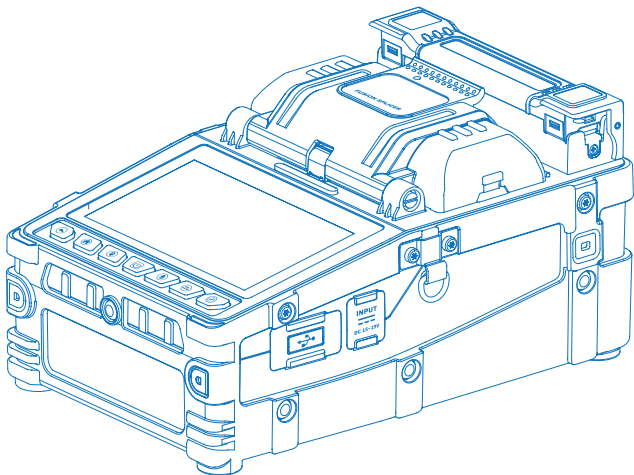
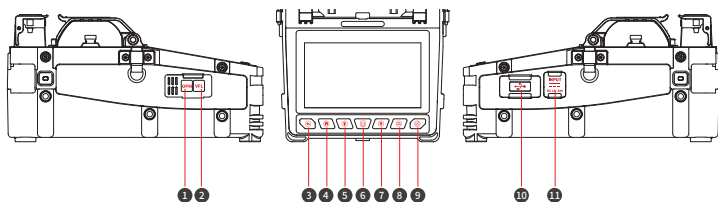




Fiber fusion splicer

User MANUAL

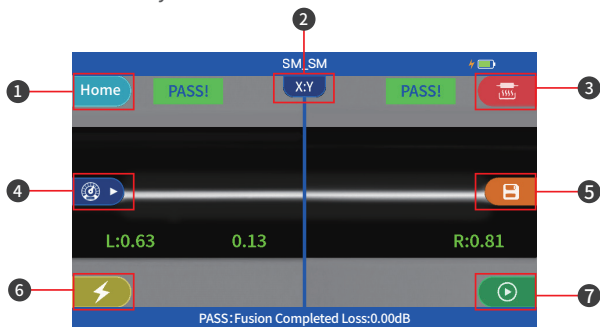
■ Introduction to function keys and interfaces



- ① OPM interface ② VFL interface ③ Reset/return button ④ Menu button
- ⑤ Up button ⑥ Turn on and off ⑦ down key ⑧ Heating button
- ⑨ Splice/confirm button ⑩ USB, U disk interface ⑪ Charging interface

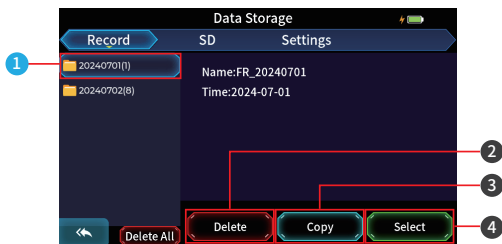
■ Operation panel interface function and display

In the user welding interface, the automatic welding and automatic heating functions are enabled by default.



- ① main menu ② Camera angle switching ③ Turn heating on/off ④ OPM
- ⑤ Save ⑥ Discharge correction ⑦ Start/continue fiber splicing

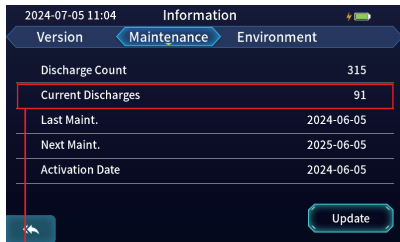
■ Splice record display/export function



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

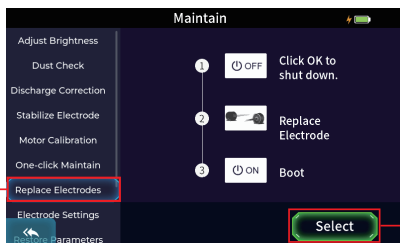
■ Query the usage times of electrode rods/replace electrode rods

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.



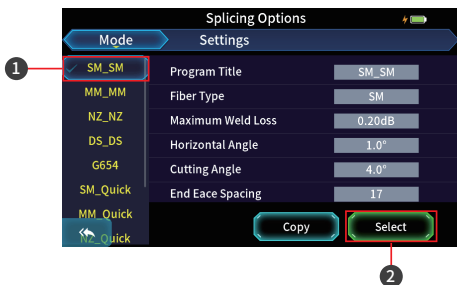
Query the number of times the electrode rod has been used

Select the electrode replacement option



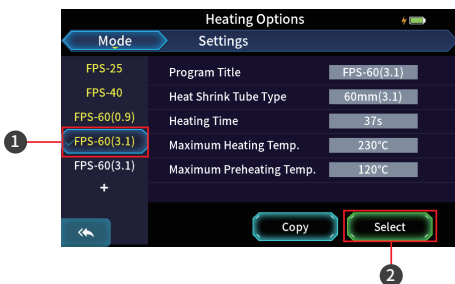
Start replacing electrodes

■ Welding mode switching



- ① Select splicing mode ② Switch splicing mode

■ Switch heating mode



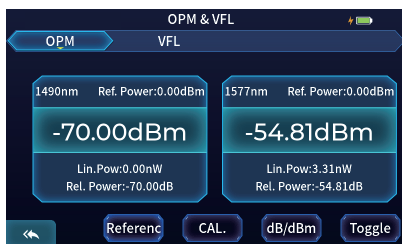
- ① Select heating mode ② Switch heating mode

■ Optical power meter settings

Supports split-wavelength optical power meter (optional).



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



Click Switch to switch to the split-wavelength optical power meter interface.

■ Red light function settings



Switch red light status: four modes: always on, 1HZ, 2HZ, and off

■ Technical indicators

Image magnification	320x
Extension modules	Standard configuration: OPM (-50~+26dBm)/VFL (10mW), optional: split-wave OPM
Fixture	Three-in-one multifunctional clamp
Applicable fiber types	Including 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	200 welding program presets
Heating mode	80 preset heating programs
Automatic heating	Support
Welding time	Standard welding time is ≤7 seconds
Heating time	Standard heating time ≤18 seconds
Return loss	≥60dB
Suitable for heat shrink tubing	20~60mm
Pull test	The pulling force is 1.96N~2.1N
Storage	Can store about 1,600 images and 10,000 sets of data
Interface	GUI graphical operation interface, equipped with graphical maintenance navigation function
Battery capacity	5200mAh, typical operating times 300 times
Language	Multiple display languages available for users to choose from
Altitude, temperature	Can work at altitudes from 0 meters to 5000 meters above sea level, -20°C~+50°C
Humidity	0~95% (no condensation)
Storage conditions	Relative humidity 0~95%, -40~70°C
Power supply mode	AC100~240V, DC15~19V
Boot time	Quick boot in 3 seconds
Show	4.3-inch high-definition capacitive touch screen, dual button/touch control
Port	Type-C, USB2.0 (can be used to export data)