

Portable High-performance Fiber Fusion Splicer

Quick Reference Guide

Button	Main Screen
<p>power power on: press POWER until the light is on. power off: press POWER until the light blinks.</p> <p>heat start heating: press HEAT until the light is on. stop heating: press HEAT while heating until the flashing stopped.</p>	<p>Be ready</p> <p>current battery capacity</p> <p>X camera images</p> <p>splice mode SM G652</p> <p>heat mode 60mm</p> <p>electrode life 0/5000</p> <p>Y camera images</p>
<p>RST reset working condition</p> <p>X/Y camera</p> <p>ARC additional ARC</p> <p>SET start/continue splicing</p>	
<p>menu/laterally move cursor</p> <p>back/exit/cancel</p> <p>direction up/brightness adjust</p> <p>direction down/volume adjust</p> <p>enter/change</p>	

Set Splice Mode

1 Press **splice** into splice menu screen

2 Select **splice mode**, and Press **splice mode**

3 Select a **mode** (according to the fiber) and Press **mode**

Set Heat Mode

1 Press **heat** into heat menu screen.

2 Select **heat mode** and Press **heat mode**

3 Select a **mode** (according to the sleeve) and Press **mode**

Splicing and Heating

1 Place the cleaved fiber with sleeve on V-groove, ensure the cleaved end face placed between V-groove edge and electrode center.

Fiber cleaving length

coating layer 250 μm 8~16mm 1/3"~2/3"

coating layer 900 μm 16mm 2/3"


2 Close the windproof cover, the splicer will start splicing automatically.

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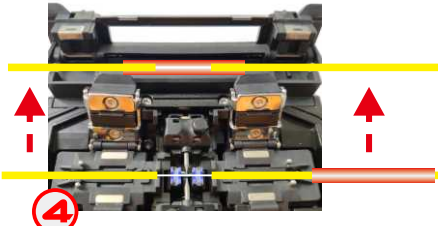
Quick Reference Guide

fiber image after splicing
press **XY** to switch camera X/Y

loss estimate
evaluate the quality of splicing for reference



3 Loss is estimated and displayed automatically after splicing finished.




4 Open the windproof cover and heater cover. After moving the sleeve to the splicing position, place it into the heater and close the heating cover; it will start heating automatically.

5

Waiting for heating finished until flashing stopped, then move the sleeve to the cool tray.

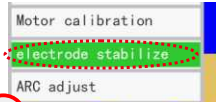
Electrode Replacement

1



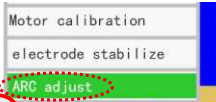
Replace old electrodes with new ones.

2



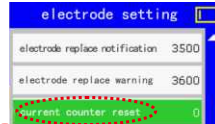
Enter maintenance menu, execute **electrode stabilize**.

3



Enter maintenance menu, execute **ARC adjust**.

4

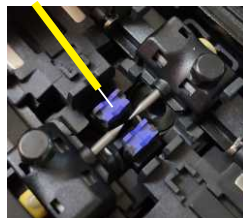


Enter splice selection-electrode setting menu; select **current counter reset**; Press **✓**.

Clean and Maintain

Clean v-groove:

1. Use a thin cotton swab with over 99% alcohol to clean v-groove bottom.
2. Use a dry thin cotton swab to suck up remaining alcohol in v-groove.
3. Use a cleaved fiber end to remove the dirt in the v-groove bottom.



Clean fiber foot:

Use a thin cotton swab with over 99% to clean the fiber foot



Clean fiber cleaver:

Use a thin cotton swab with over 99% to clean the fiber cleaver hammer, blade and all rubber pad surface.




Battery Check



Power on, without plugging in the adapter, the **battery capacity** will be shown on the top right corner of main screen.

Battery Charge



Plug adapter, Start charging when **POWER** light on and **CHARGE** light on

CHARGE light off automatically after finishing charge.

Warning: It is normal that machine and adapter heat up when charging, please do not stay away from the heat source, flammable and explosive materials.