

## Safety Instructions

Before operating this device, please consult the user manual for safety instructions. These guidelines will enable you to operate the product in a safe and correct manner in order to prevent harm to yourself and others.

### Splicing Procedure

① Turn on power.

② Select applicable program.

③ Perform Arc Check.

※ Please see “Arc Check” for details.

④ Insert fiber in protection sleeve.

⑤ Prepare the fibers.

⑥ Set fibers in splicer.

⑦ Press  key or icon.

⑧ Remove spliced fiber.

⑨ Slide protection sleeve over splice point.

⑩ Transfer fiber into heater.

⑪ Press  key or icon.

⑫ Remove the fiber.

End.

#### < Fiber Preparation >

##### Stripping of fiber coating



Hold the stripper tightly. Then move stripper into the direction indicated by the arrow mark.

**S218R-Plus or S218R-200**

##### Fiber Cleaning



**Lint-free tissue with FPF or ethanol alcohol**

##### Fiber Cleaving



Place fiber holder on the S326R cleaver



Press lever.

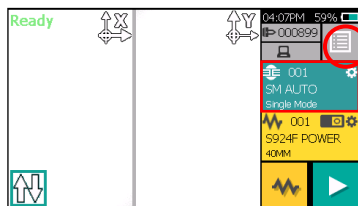
##### Setting the fiber on the splicer




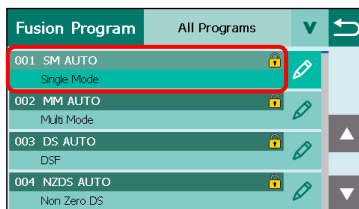
# S124 Quick Reference Guide

## Procedure for Changing Programs

### < Fusion Program >

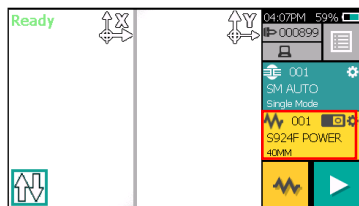



Tap the fusion program area on the touchscreen or press  key and select Fusion Program.

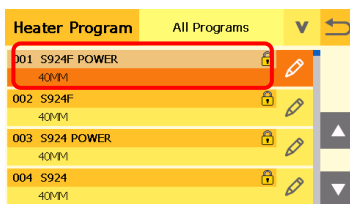


Select applicable fusion program.

### < Heater Program >



Tap the heater program area on the touchscreen, or press  key and select Heater Program

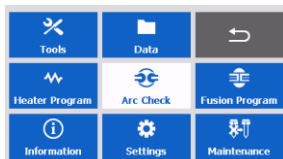


Select applicable heater program.

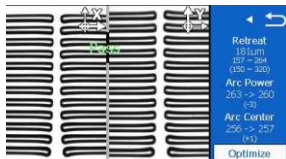
## Arc Check

An arc check is the function to adjust the arc power in order to ensure optimal splicing results. Electrode wear and environmental conditions such as temperature, humidity, and altitude, may affect the arc power.

Please perform the Arc Check at the beginning of your working day.



Open the windshield and set the fibers. Then enter "Arc Check".



Splicer automatically feeds the fibers and discharges an arc.

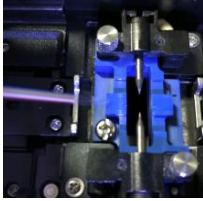


The result is indicated. If the result is negative, please perform the arc check again.

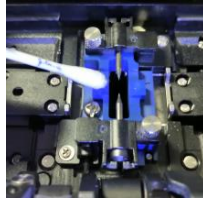
# S124 Quick Reference Guide

## To ensure optimal splicing results

### < Cleaning V-groove >



Run fiber across V-groove to remove dust in V-groove.



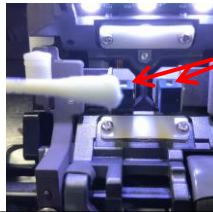
Clean V-groove by using the cleaning brush provided or a cotton swab soaked with ethanol.

### Cleaning brush



### < Cleaning Fiber Clamps >

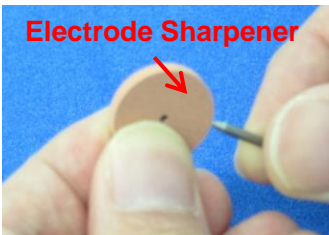
Clean Fiber Clamps by using a cotton swab soaked with ethanol.



### Fiber Clamp

## Maintenance

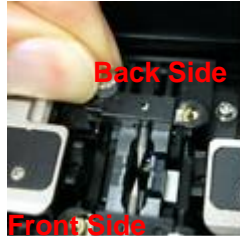
### < Cleaning Electrodes >



### Electrode Sharpener

Stick the tip of the electrode into the electrode sharpener and turn/twist the electrode 3-4 times.


### < Replacement of Electrodes >



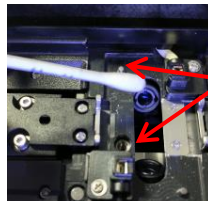
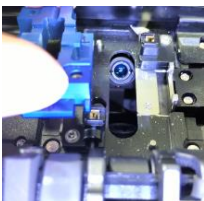
### Back Side

### Front Side



Remove the electrode from the electrode holder. Then replace with a new electrode. After replacement, press the  key 10 times, after closing the windshield to remove any dust.

### < Cleaning Objective Lens >



Attach the electrode holder in order from the front side to the back side.

### Objective Lens

Remove both electrodes and V-groove. Then clean Objective Lens by using cotton swab soaked with ethanol.

# S124 Quick Reference Guide

## Operation Keys

### Power Key

Turn the power on/off.

### Up/Down Keys

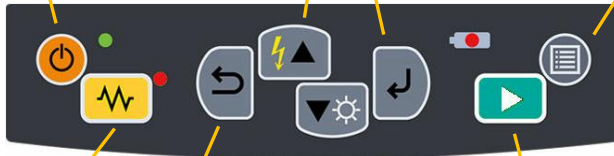
Move the cursor and change the value

### Enter Key

Select the menu item  
Determine the value

### Menu Key

Show the menu.



### Heating Key

Start / Stop the heating process

### Escape Key

Cancel the current action

### Start Key

Start/Pause/Restart the splicing process

## Screen Indication

### Splice Process

Ready

### Arc Count



### Time



### Battery Status

### Menu Icon

### Selected Splice program

### Selected Heater program

### Start Icon

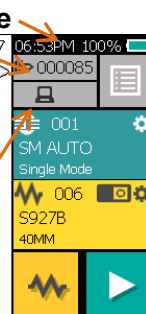
### Heater Start Icon

### View Selector

### Fiber View



### Status Icon



## Storage Space

### Fusion Splicer



### Accessory Case

## Power Supply

Please use supplied AC adapter or optional car cigarette cable.



### Power Port

**Do not use an inappropriate input voltage. Doing so may cause fire, electric shock or malfunction.**