

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 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 to heater.

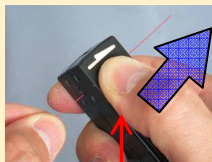
⑪ Press  key or icon.

⑫ Remove the fiber.

End.

< Fiber Preparation >

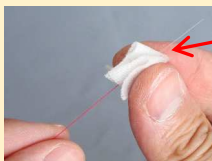
Stripping of fiber coating



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

Fiber Stripping

Fiber Cleaning



Lint-free tissue with ethanol

Fiber Cleaving

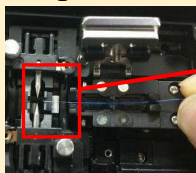


Single Fiber Adapter



Place fiber on Single Fiber Adapter. Press lever.

Setting the fiber on the splicer

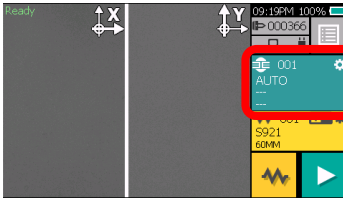



The edge of the fiber coating should match with the edge of the tight holder.

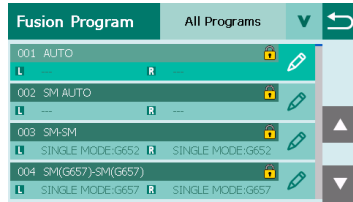
S179A Quick Reference Guide

Procedure for Changing Programs

< Fusion Program >

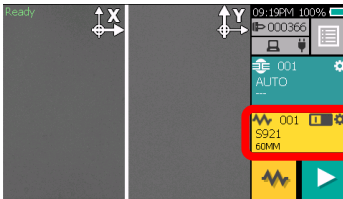



Tap the fusion program area on the touchscreen, or press  key and select Fusion Program.

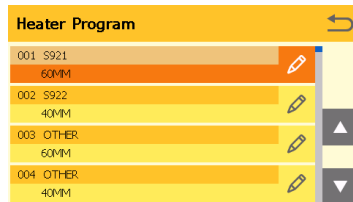


Select applicable fusion program.

< Heater Program >



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

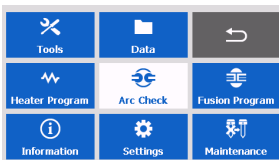


Select applicable heater program.

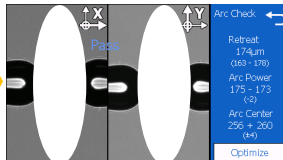
Arc Check

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.

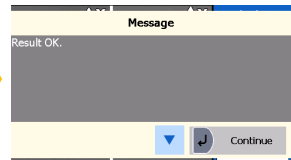
Please perform the Arc Check at the beginning of your working day.



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



Splicer automatically feeds the fibers and discharges an arc.

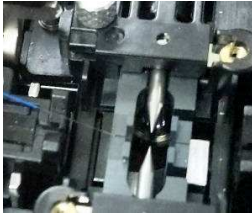


The result is indicated. If the result is negative, the machine will automatically adjust the arc power. Please perform the arc check again.

S179A Quick Reference Guide

To ensure optimal splicing results

< Cleaning V-groove >



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



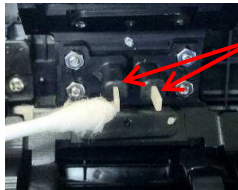
Clean V-groove by using the cleaning brush provided or a cotton swab soaked with ethanol.

Cleaning brush



< Cleaning Fiber Clamps >

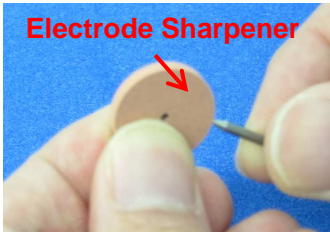
Clean Fiber Clamps by using a cotton swab soaked with ethanol.



Fiber Clamp

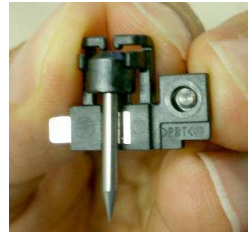
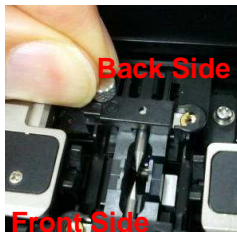
Maintenance

< Cleaning Electrodes >



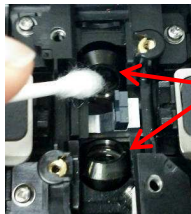
Stick the tip of the electrode into the electrode sharpener and turn/twist the electrode 3-4 times.

< Replacement of Electrodes >



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.

S179A 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

View Selector

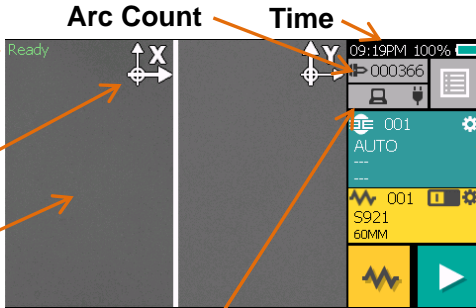
Selected Splice program

Fiber View

Selected Heater program

Status Icon

Heater Start Icon



Storage Space in Hard Carrying Case

Accessory Case

Fusion Splicer

