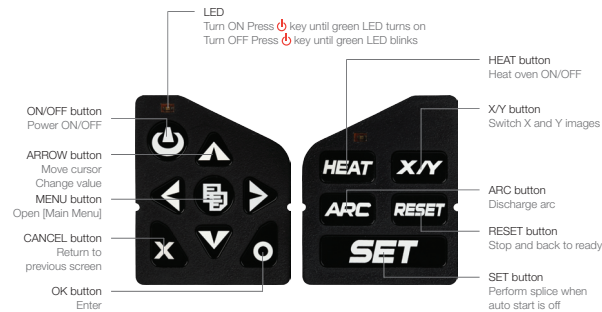
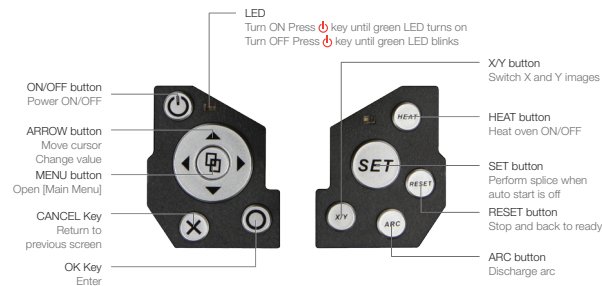


How to use keypad

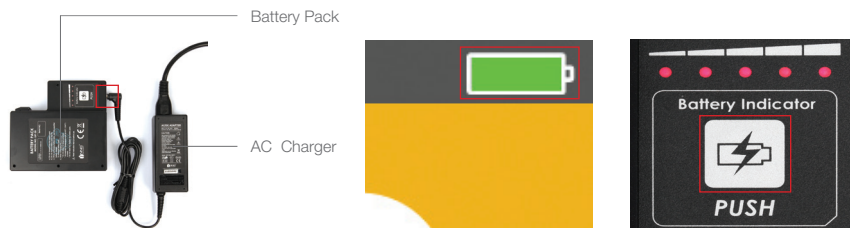
View7



View3, 5



Battery pack



How to recharge the battery

How to check remaining battery capacity on ready screen

Battery check button

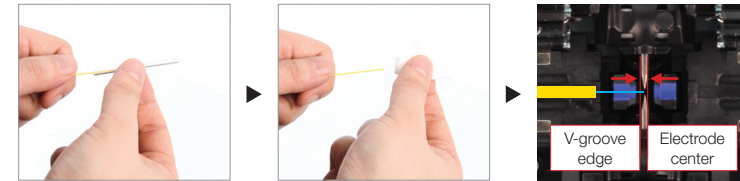
- Connect the battery pack to AC charger.
- Do not stack the battery on top of the charger while recharging.
- Recharging temperature : 0~40°C (32~104°F)
- Discharge the battery pack completely every 3 months before recharging.
- When storing the battery pack for a long period of time;
 - Storage temperature should be -20~30°C (-4~86°F).
 - Recharge the battery pack every 6 months so as not to be empty

CAUTION

Make sure power saving function is working when using the battery pack.

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Splicing operation

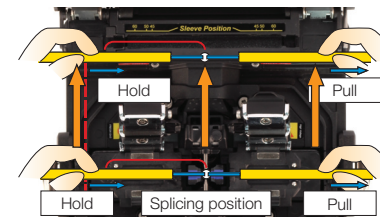


Slip a heat-shrink sleeve onto either end of the fiber

Clean the fiber

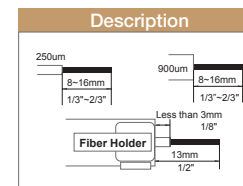
- Make sure the stripped fibers are free of coating debris or dust.
- Use only 99 percent or better pure alcohol.
- Clean with clean and lint-free gauze or tissue.

- **Keep the bare fiber and cleaved fiber end faces in a clean condition.**
- Place the fiber ends between the edge of V-grooves and the electrode ends.



- Hold the spliced fiber at the edge of the splicer body.
- Gently pull the fiber.

- Turn on the splicer.
- Select a splice mode
 - When splicing only standard SM fibers (ITU-T G.652), "SM AUTO" mode is recommended.
 - When splicing different types of fibers, "AUTO" mode is recommended, but splicing speed is slower.
 - Splicing speed of "SM QUICK" mode is faster, but periodic arc calibration is required.
- Check splice and heat modes.
- Place the heat-shrink sleeve onto the fiber.
- Strip the fibers.
- Clean the fibers.
- Cleave the fibers.
- Place the fibers onto the splicer.
- Start splicing by closing the windproof cover.
- Inspect the fiber visually on the monitor during splicing.
- Remove the spliced fiber.
- Center the heat-shrink sleeve on the splice point.
- Place the sleeved fiber into the heat oven.
- Start heating by closing the heat oven lid.
- Completed.

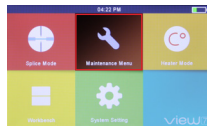


CAUTION

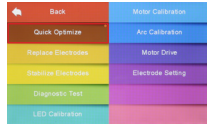
When arc discharge is not stable, electrodes and arc power should be stabilized and calibrated to reform the arc discharge. Place prepared fibers into the splicer to operate Stabilize Electrodes and Arc Calibration. After installing SM fibers, splice the fibers again.

Maintenance menu

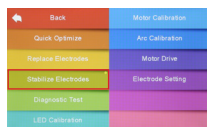
Maintenance



Prepare SM fibers and select "Maintenance Menu"



Perform "Quick Optimize"



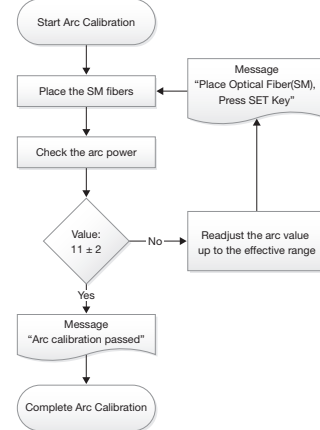
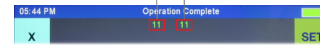
Perform "Stabilize Electrodes"



Perform "Arc Calibration"

ARC Calibration

Actual value of machine
Standard value



Important: 1) Always use SM fibers only

2) In order to keep in the best splice condition, follow the procedure.

Diagnostic test

In case of splicer operation fault, proceed the following procedure.

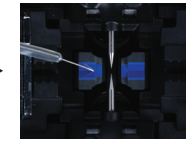
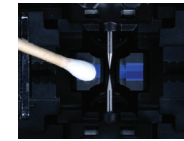
Operation procedure

- Select [Diagnostic Test] in [Maintenance Menu], and execute [Diagnostic Test].
 - LED Calibration
Measure and adjust the brightness of LED.
 - Dust Check
Check the optical path for dust or dirt and judge whether they disturb fiber observation. If contamination exists, press the return button twice to display the location.
 - Motor Calibration
Automatically calibrate the speed of motors.
 - Arc Calibration
Automatically calibrate the arc power factor and fiber splicing position.
- Upon completion of all checks and adjustments, the results will be displayed. If dust is detected during the dust check process, clean the objective lenses. If contamination still exists after cleaning the objective lenses, there is a possibility that the contamination may exist in the inside of the optical path. Please contact your nearest sales agency for further instructions. Dust Check and Motor Calibration exist as independent functions in [Maintenance Menu]. It is possible to execute them independently.

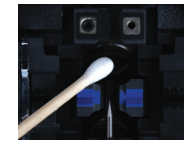
Note : Before you start the test, remove the fibers from the splicer. When the above item No. 2 (Dust Check) is completed, prepare and load the fibers onto the splicer and press "SET" button.

Cleaning before splicing

V-grooves



Objective lens



Fiber clamp chips



When the lenses are dirty, clean it.

CAUTION

- During cleaning,
- Do not touch the tips of the electrodes.
- Use only 99 percent or better pure alcohol.
- Clean with clean and lint-free gauze or tissue.

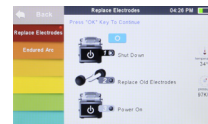
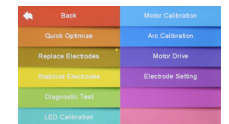
Periodic maintenance

Objective lens

If the lenses are dirty, clean it periodically with pure alcohol-soaked cotton swabs. Otherwise, the lenses may cause trouble.

Electrodes

When "Replace Electrodes" message appears or the tips of the electrodes are damaged, replace electrodes.



- Select [Replace Electrodes].
- Follow the instruction message on the screen to turn off the power.
- Loosen screws.
- Remove the old electrodes.
- Insert the new electrodes.
- Place the electrode covers on the splicer.
- Tighten screws.
- Turn on the splicer.
- Place prepared fibers.
- Perform [Stabilize Electrodes].
- Perform [Arc Calibration].