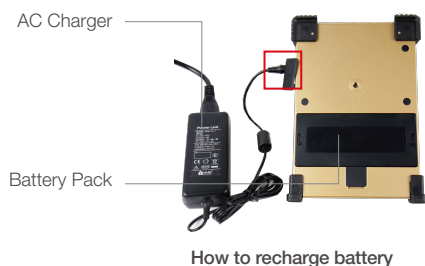


HOW TO USE KEYPAD



BATTERY PACK



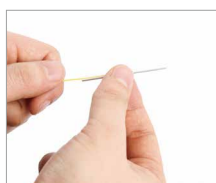
How to check remaining battery capacity on ready screen

- Connect battery pack (LBT-3000-02) with AC charger, power cable.
- Do not stack battery pack on top of charger while recharging.
- Recharging temperature: 0~40°C (32~104°F).

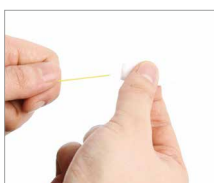
CAUTION

Confirm power saving function is working when using battery pack.

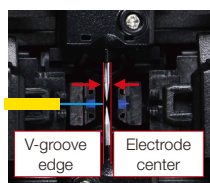
SPLICING OPERATION



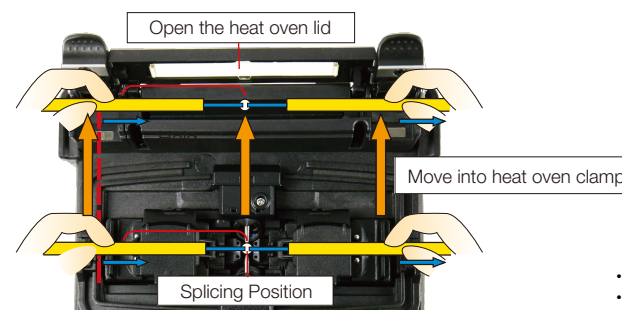
Insert fiber into the protection sleeve



Cleaning fiber

V-groove edge
Electrode center

- Make sure the stripped fiber is free of coating debris or dust.
- Use only 99% or better purity alcohol.
- Clean by clean wipes (dustproof)
- **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 fiber at edge of splicer body
- Gently pull the fiber

- Turning splicer on
- Select splice mode
 - The default mode is SM mode, the splicing effect is the best, you can also choose the QUICK mode to save time.
- Check splicing and heater modes
- Cleaning fibers
- Place the sleeve on the fiber
- Stripping fiber
- Cleaning fiber
- Cleaving fiber
- Install fiber onto splicer
- Start splicing by closing wind proof cover
- Visual inspection on LCD during splice
- Remove the spliced fiber
- Centering protection sleeve on spliced fiber
- Put the sleeved fiber into heater
- Start heating by closing heater cover
- Completed

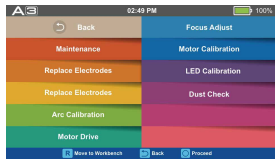
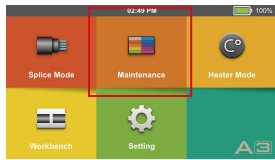
Description	
250um	900um
8~16mm	8~16mm
1/3"~2/3"	1/3"~2/3"
	Less than 3mm
	1/8"
Fiber Holder	13mm
	1/2"

CAUTION

When ARC discharge is not stable. Electrodes should be stabilized and calibrated to reform the arc discharge. Install prepared SM fibers onto splicer to operate stabilize electrodes and arc calibration. After installation SM fibers, splice fibers again.

MAINTENANCE MENU

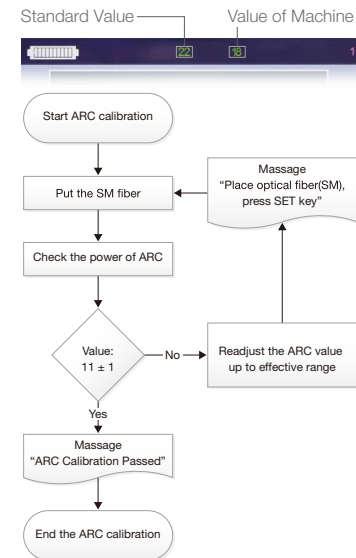
Maintenance



Prepare SM fiber and go to “Main Menu”

- Important:**
01. Always use SM fiber only
 02. To keep in best splice condition, following the procedure.

ARC Calibration



MAINTENANCE

Select [Maintenance] in [Maintenance Menu]

Execute [Maintenance], then the following checks will be made.

LED calibration

- Measure and adjust the brightness of the LED.

Dust check

- Check the optical path for dust or dirt and judges whether they disturb fiber observation. If contamination exists, press the return button twice to display the location.

Adjust Position

- Automatic fiber adjustment

Motor Calibration

- Automatically calibrate the speed of 4 motors.

Stabilize Electrodes

- Accurately measure the position of the electrodes by ARC discharge.

Arc Calibration

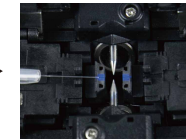
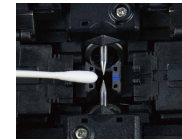
- Automatically calibrate the arc power factor and fiber splicing position.

Upon completion of all checks and adjustments, a list of results is displayed. If the dust check result is not good, clean the objective lenses. If the cleaning cannot eliminate contamination, there is a possibility that the contamination may be in the inside of the optical path. Please contact your sales agency for additional instructions.

Note : Before you start 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”

CLEANING BEFORE SPLICING

V-grooves



Objective lens



When lens is dirty, clean it.

Fiber clamp slot



White LED



CAUTION

- During cleaning,
- Do not contact the electrode tips.
 - Use only 99% or better purity alcohol.
 - Clean by clean wipes (dustproof)

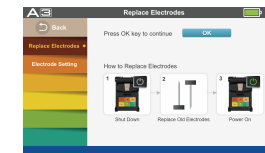
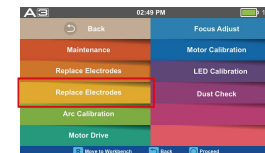
PERIODIC MAINTENANCE

Objective lens

If lens is dirty, clean it periodically, with alcohol moistened thin cotton swab. Otherwise, the lens can make trouble.

Electrodes

When “Replace Electrodes” message appears, or when the tip is damaged, replace electrodes.



- Execute [Replace Electrodes]
- Press “SET”, then automatically turns off
- Loosen screws
- Take out electrodes
- Put new electrodes
- Reassemble the electrode cover

- Tighten screws
- Turn splicer on
- Install prepared fibers
- Execute [Stabilize Electrodes]
- Execute [Arc Calibration]

Battery pack

- Discharge battery pack completely every 3 months before recharging.
- When storing battery pack in long term;
 - Storing temperature should be -20~30 °C (-4~86° F)
 - Recharge battery pack every 6 months, not to be empty.