



[How to use Keypad]

<p>ARROW key</p> <p>1) Move cursor 2) Change value</p>		<p>HEAT Key</p> <p>Heater ON/OFF when Auto Start is OFF</p>
<p>ON/OFF Key</p> <p>Power ON/OFF</p>		<p>XY Key</p> <p>Switch X and Y images</p>
<p>MENU Key</p> <p>1) Open [main Menu] 2) Go to next page or Tab</p>		<p>RESET Key</p> <p>Stop and back to READY</p>
<p>CANCEL key</p> <p>1) Return to previous screen 2) Go to [How to Operate]</p>		<p>SET Key</p> <p>Execute Splice when Auto Start is OFF</p>
<p>LED</p> <p>1) Enter 2) Go to [Splice Mode Select] and [Heater Mode Select] from [READY] screen</p>		<p>ARC key</p> <p>Generate ARC</p>
<p>*Turn ON Press key until Yellow LED turns on</p>		<p>*Turn OFF Press key until Yellow LED blank</p>

[Battery Pack]

Battery Pack

How to recharge battery

Battery Pack

AC Adapter

*Connect Battery Pack (LBT-20) with AC adapter(JS-126300-X), Power Cable (ACC-25).

*Do not stack Battery Pack on top of Recharger while recharging.

*Recharging temperature: 0~40°C(32~104°F).

How to check remaining capacity

On "READY" screen

Battery Checking Button

CAUTION Confirm power saving function is working when using battery pack.

INNOINSTRUMENT, Inc.

#65-3, Sangdaewondong, Jungwongu, Sungnam-si, Kyeonggi-do, Korea | 462-8071

TEL : +82 31 742 8755
FAX : +82 31 742 8799
info@innoinstrument.com
www.innoinstrument.com

Fiber Optic Tools and Supplies

329 West Melinda Lane | Phoenix, AZ 85027, USA

Toll-Free: (877) 773-3423 Direct: (623) 582-5560

info@efibertools.com
www.efibertools.com

[Splicing Operation]

Insert fiber into the protection sleeve

Cleaning fiber

V-groove edge Electrode center

* Keep the cleaved fiber ends face in clean condition.

* Place the fiber end between V-groove edge and Electrode center.

* Hold * Pull

* Hold Spliced point ** Pull

* Make sure the stripped fiber is free of coating debris or dust.

* Use only 99% or better purity alcohol.

* Hold the fiber at edge of splicer body

** Gently pull the fiber

- Turning splicer ON
- ↓
- Check splicing and heater modes
- ↓
- Place the sleeve on the fiber
- ↓
- Stripping fiber
- ↓
- Cleaning fiber
- ↓
- Cleaving fiber
- ↓
- Loading fiber onto splicer
- ↓
- Start splicing by closing wind cover
- ↓
- Visual inspection on LCD during splice
- ↓
- Remove the spliced fiber
- ↓
- Centering protection sleeve in spliced fiber
- ↓
- Put the sleeved fiber in heater
- ↓
- Start heating by closing tube heater lid
- ↓
- Completed

*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 splice speed is slow.

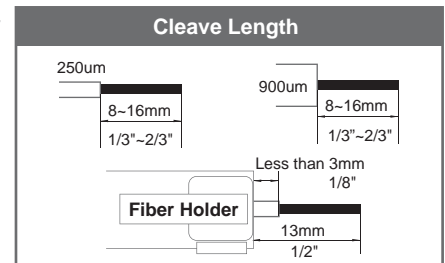
*Splicing speed of "SM FAST" mode is fast, but periodically Arc calibration is required.

CAUTION

When splicer indicates following message, splice loss may be high.

"Arc discharge is not stable. Electrodes should be stabilized to reform the arc discharge."

Load prepared SM fibers onto splicer in order to stabilize electrodes. After completing it, re-splice fibers.





[Maintenance Menu]

[Maintenance]

Prepare SM fiber AND

Go to "Main Menu"



Execute [1. Quick Optimize]



Execute [4. Stabilize Electrodes]



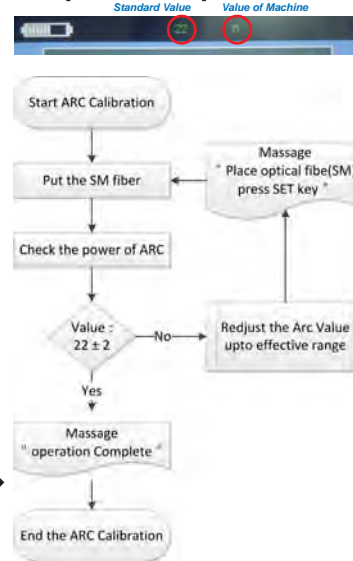
Execute [9. Arc Calibration]



Done

Importante!
 * Always use SM fiber only
 * To keep in best splice condition, following the procedure.

[ARC Calibration]



■ Diagnostic Test

In case of trouble, proceed this procedure.

Operation Procedure :

(1) Select [Diagnostic Test] in [Maintenance Menu] and execute [Diagnostic Test].

1. LED Check
Measures and adjusts the brightness of the illumination LED.
2. Dust Check
Checks the optical path for dust or dirt and judges whether they disturb fiber observation. If contamination exists, this function indicates the location.
3. Motor Calibration
Automatically calibrates Press Motor Speed.
4. Arc Calibration
Automatically calibrates the arc power value.

(2) 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 nearest sales agency for additional instructions.
 The dust check and Motor Calibration functions exist as independent instructions in [Maintenance Menu]. It is possible to execute them independently.

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 into the splicer and press "Ok"

[Cleaning before Splicing]

■ V-grooves



*Clean the bottom of the V-groove with alcohol moistened thin cotton swab.
 *Clean the V-groove valley using a cleaved fiber end-face or pin-point.

■ Fiber Clamp Chips



■ Wind cover Mirrors



■ Objective Lens



When lens is dirty, clean it.

⚠ CAUTION

During cleaning,
 1) Do not contact the electrode tips.
 2) Use only 99% or better purity alcohol.

■ Cleaver

*Clean rubber pads.
 *Clean rubber clamp. (up & down, 4 piece)
 *Clean blade.



[Periodical 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.



- 1) Execute [Replace Electrodes]
- 2) Press "OK". then automatically turn off
- 3) Loosen screws
- 4) Take out electrodes
- 5) Reassemble the electrode cover
- 6) Tighten screws
- 7) Turn splicer on
- 8) Set prepared fibers
- 9) Execute [Stabilize Electrodes]
- 10) Execute [Arc Calibration]

■ Battery Pack

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

