


No	Error Message	Reason	Remedy
05	Left Motor error	• Motor damage • Plug flexible	• sent of repair factory • fix plug
	Right Motor error	• Position switch damage/flexible	• fix position switch • sent to repair factory

§ 9. Questions and Trouble Shooting

§ 9. 1. Turning On Power and Power Supply

(1) Power does not turn off when pressing .

- ⊕ Reason: 1. Power supply jack no insert or power supply convertor bad
2. Power supply switch contact badness
3. Occur short or failure of machine interior

⊖ Remedy: Check the power supply plugs or battery whether normal link with fusion splicer

(2) Turn on fusion splicer, Screen without light

- ⊕ Reason: 1. Power supply jack no insert or power supply convertor bated.
2. Power supply switch contact badness
3. The fuse disconnection .
4. Occur short or failure of machine interior
5. Use batteries, voltage deficiency or polarity connect reverse.
6. Screen measure switch move to darkest

⊖ Remedy: Check whether the fuse is broken, If broken then replacing fuse (Fusion splicer for 8A, Power supply convertor for 3A), Make sure power output voltage about 12~13V. Check whether the battery polarity is connect reverse, Then

dispose. Screen measure switch move to appropriate station; And afresh turn on, If still had this question then return maintain branch .

(3) After boot-strap, Always show "system replacement "replacement cannot stop

- ⊕ Reason: 1. Fusion splicer switch has question or camshaft induce pole losed.
2. Electrical or electrical drive has something the matter.


⊖ Remedy: Disentangle the inner six corner bolt of twain at the nose cover board, Take the cover board. If the induce pole losed, Then anew insert bore of the camshaft, And using 502 cement , Eliminate the dunghill with switch. If still had this question then return maintain branch .

§ 9. 2. Splicing Operation

(1) After set the fiber, The screen above the waist not picture as well as dark.

- ⊕ Reason: 1. The wind protector problem or the spring piece contact badness.
2. The light did not shine on wind protector or the below electric mast connect desquamate.
3. The CCD is bated or desquamate (The pickup camera' s shutter something the matter) .


⊖ Remedy: Using forceps nip spring at the wind protector bosom backend and put up ratherish. The new fashioned fusion splicer use two contact mast at the electrode seat . If still had this question then return maintain branch .

(2) Press "", The fiber fixedly when setup clearance, Press reset can replacement, But the fiber still fixedly.

⊘ Reason: 1. The fiber is break.

2. The press board did not pin the fiber.


↯ Remedy: Relay the fiber and shut the press board, Draw backwards of the fiber, If moved then explain the press board did not pin the fiber. Check the compaction bar at the press board.

(3) Press "", The fiber move frontad to a certainty station withal move frontad until display "Anew Fiber" when setup clearance.

⊘ Reason: 1. Fiber incise length short of require.

2. The sport bearing has obstacle.

↯ Remedy: The incise length about 16mm. Afresh facture if short of require. At the sport bearing bunted, Check have or nothing the obstacle, Confirm station and transact.

(4) Press "", The one side image fluctuate at the uprightnes bearing. The end-face did not uniform and did not splicer.

⊘ Reason: 1. The V-groove has dust lead to the one side station higher, Bigness the max of the another side .

2. Microscope lens and floodlight or prism had ash and speckle.

↯ Remedy: Clean the V-groove a few with nib toothpick touch alcohol .Then check the v-groove smoothness degree with fiber aim at V-groove bottom frontad impel. Clean twain microscope lens and twain floodlight. (Note: Use cleanlily cotton, Best rub a few.) If still had this question then return maintain branch .

(5) Often splicer with did not aim at. Display compute wastage bigger or fusion be defeated after be over.

⊘ Reason: 1. Fiber dirty , End-face disqualification or incise reamer badness.

2. Microscope lens and floodlight or prism had ash and speckle.

↯ Remedy: Adjust incise reamer, Afresh tailor fiber end-face. Clean the microscope lens, Floodlight . (Note: Using cleanlily cotton ,Had best rub several rounds. If still had this question then return maintain branch .

(6) Display one end-face badness

⊘ Reason: 1. "End-face Setup "small.

2. Microscope lens and floodlight or prism have ash and speckle.

3. Floodlight not light.

4. Dust in the V-groove or virtual image.

↯ Remedy: Enter menu, Augment "End-face Setup "value, Rub lens, Rub floodlight and check, Tautology after clean the V-groove. If still had this question then return maintain branch .

(7) Test fusion current small or big

⊘ Reason: 1. "Current Warp" in the parameter and "Fusion Current" small or big in the program.

2. Many deposit at the electrode, Aging grave.

3. Place happen variation of the fiber and arc.

4. High voltage power element mangle

5. Accumulator electricity lack or aging.

Ñ Remedy: Enter safeguard menu, Cleaning electrode and select "Arc position" Check fiber and arc station ,If in gear then select program 3 anew discharge test. If current smaller then increase "Current Intensity "value whereas minish . Where after anew test till current moderate. If still had this question then return maintain branch .

(8) Image position lean to screen of the end-face clearance. (Belong to fusion splicer automatic follow arc positional function, Adjust if departure to a fault

Ð Reason: 1. Electrode aging, Much deposit on the exterior.
2. Electrode slanting .
3. Lens loose excursion station.
4. Discharge finished open the wind protector or incaution touch fiber at test discharge current, Fusion splicer judge arc station misplay.

Ñ Remedy: Enter maintenance menu , Cleaning electrode. Turn on proceed discharge test thrice upwards after turn off few minutes. Special case return maintain branch repair.

(9)Setting clearance and adjust normal, But not discharge of electrode in the fusion process.


Ð Reason: 1. Current parameter setup 0 or select program not setup parameter in the program menu.
2. High voltage power mangle or electrode connect shed.

Ñ Remedy: Enter menu check the just using program if in gear , Change become fusion parameter in gear. Whether return repair.

(10)Connect in gear, But estimate the wastage bigger or fusion be defeated.

Ð Reason: 1. Examine system something the matter or microscope lens and prism have dust.
2."End-face Setup" value bigger in the menu.
3. Soon open the wind protector after discharge, Examine did not accomplish .

Ñ Remedy: Clean twain microscope lens and twain floodlight. Then minish parameter with "End-face Setup ". Process discharge test, Process connect after the current moderate, If still had this question then return maintain branch .

(11)Press"", Install clearance, Regulate all normal, But did not fusion, Burn two balls

Ð Reason: 1. Splicing current too bigger.
2. The boost quantity smaller or zero. The boost rapidity bigger.
3. The press board did not suppress.
4. The pigtail at the right and per se quality badness, The envelope disengage.

Ñ Remedy: Replace dry circumstance test, If still had this question then return maintain branch . Make sure the fiber nothing the matter (For example: The pigtail envelope disengage), Then enter using program menu, Check the parameter , Setup right parameter and process discharge test until the current moderate. Playback the fiber, Press AUTO key check up otherwise return repair

(12) Blister and change thick or thin after MM fiber connect

⊕ Reason: 1. End-face substandard or surface dirty. 2. Program parameter has trouble.

↯ Remedy: Pledge end-face all right, Tautology after test current moderate. Augment "Pre-fusion current、Pre-fusion time "value or minish "Fusion overlap" value if blister or change thick. Minish " Pre-fusion current、Pre-fusion time

(13) The connect index bigger (Practice measure)

⊕ Reason: 1.V-groove or fiber have dust.
2.Discharge current inappropriate.
3.Not pointed with splice.
4. Electrode aging.
5.Program parameter mount unsuitable.
6.End-face or incise reamer badness.
7.Special fiber.
8.Operation adverse circumstances such as gale or aquosity.

↯ Remedy: First ask test means, Desiree exactness test , Then clean(v-groove 、 Microscope 、 Electrode)select becoming program discharge test. Assure end-face all right . If index big then time after time test find the better program parameter via augment or minish the current.

§ 9. 3. Cleaning Maintenance

(1) Fiber cannot successfully enter and the fiber virtual image after clean the V-groove

⊕ Reason: 1. Cleaning the V-groove wise improper and that leave over "W" form nick.
2.The V-groove be out item beeline or plane.
3.The small press board has askew or the buffer has adhibit askew or dilapidation.
4. The small press board did not suppress the fiber. The familiar is pigtail.

↯ Remedy : Using dull knifepoint lighter row with V-groove bottom .Open the big press board , Check aV-groove if at item beeline or plane. Close the big press board, Used the forceps adjust the height if the small press board did not suppress the fiber. Backtrack repair if the else circs cannot dispose.

(2) Else in gear, But did not discharge at cleaning the electrode.

⊕ Reason: 1. Circuit trouble.

↯ Remedy: If influencer connect quality cannot clean electrode, Please return maintain branch.

(3) Electrode firework display or discharge of nearby coherer.

⊕ Reason: 1. Electrode connect loose.
2. Operation circumstance dampness.

↯ Remedy: Replace dry circumstance test, If still had this question then return maintain branch .

§ 9. 4. Tube-heating Operation

(1) Fiber protection sleeve does not shrink completely

Reason: 1. Heating time setup shorter.

2. Environment temperature lowest (like winter) make the heating isn't sufficient.



Remedy: Extend heating time.

(2) Fiber protection sleeve adhered on heating plate after shrinking

Reason: 1. Part protection sleeve arouse adhered.

Remedy: Take out after cooling ; If time limit for a project is pressing did using cotton stir side lighter, Make complete disengage with heating plate.

(3) Cancel heating

Remedy : Press  > cut no ice , Need continuous
press  > twice.

(4) Heating indicator light not light but can heating as usual.

Reason: 1. Connect has trouble or heater has trouble of the disunite heater.

Remedy: Check the disunite heater 1、 2 feet whether electric conduction 6ohm and 3、 4 feet electric conduction 10k. otherwise return maintain branch.

(5) Heating indicator light shine, But heater not heating; Or indicator light not shine and heater not heating.

Reason: 1. Heating key dull or baded.

2. Connect has trouble or heater has trouble of the disunite heater.

Remedy: Instead clavier if clavier dull; Check the disunite heater 1、 2 feet whether electric conduction 6ohm and 3、 4 feet electric conduction 10k . Otherwise return maintain branch.

i Note: The above having question by any possibility of interior circuitry trouble.

§ 10. Guarantee and Contact Address

§ 10. 1. Guarantee

1. Guarantee period and limits.

If the splicer becomes out of order within one year from the date of delivery, we will repair it free of charge. However, note that repairs will be charged for in the following cases regardless of the guarantee period:

- (1) Trouble or damage due to natural disaster.
- (2) Trouble or damage due to abnormal voltage supply.
- (3) Trouble or damage due to mishandling.
- (4) Trouble or damage due to handling in disregard of the operating procedures or instructions described in the instruction manual.
- (5) Consumable items(discharge electrodes etc.)

2. Before sending the splicer, Please consult nearest us first.

3. Necessary information for the repair.

Attach papers to the splicer in order to inform us of details as described below.

- (1) Your full name, section, division, company, address ,phone number, fax number and e-mail address.
- (2) Model name and serial number of the splicer.
- (3) Encountered Trouble
 - What state did your splicer get into and when?
 - What is its present state?
 - The state of the monitor and the contents of the relevant error message.

4. Transportation when sending the splicer, As the splicer is a high-precision machine, always use the attached carrying case for transportation and storage in order to protect it against humidity, vibration and shock. When you request us to repair the splicer, please send it together with its accessories.

5. Note for Repair

Please note that the contents of the memory such as splicing results ,splice mode, etc., may be lost depending on the kind of repair.

§ 10.2. Contact Address

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