

For Optic Fiber Splicing Machine

Warning information(English information is contained within the brackets)	Reason	Countermeasures
Incorrect placement of left fiber(LFPC)	(1) Left fiber is cleaved too short; (2) The part of left fiber put into V-groove is broken; (3) Left fiber is not put into the center of V-groove; (4) Left propulsion equipment is incorrectly connected	<ul style="list-style-type: none"> In the case of 1 or 2, re-cleave left fiber and make sure the cleaved length is appropriate In the case of 3, replace left fiber If the breakdown do not match 1、2、3, do【Calibrate System】, If the problem remains, please contact the after sales service department
Right fiber placement is incorrect(RFPC)	(1) Right fiber is cleaved too short; (2) The part of Right fiber put into V-groove is broken; (3) Right fiber is not put into the center of V-groove; (4) Right propulsion equipment is incorrectly connected	Solutions refer to the above
Left and Right fiber placement are incorrect(LRFPC)	The same as above	Solution refer to the above
Left fiber is unqualified(LFNQ)	(1) Left fiber surface is dusty; (2) Left fiber is cleaved poorly, such as core defect, cladding defect or fiber incompleteness	<ul style="list-style-type: none"> In the case of 1, use alcohol to clean the left fiber In the case of 2, remake fiber
Right fiber is unqualified (RFNQ)	(1) Right fiber surface is dusty; (2) Right fiber is cleaved poorly, such as core defect, cladding, defect, fiber incompleteness	Solution refer to the above
Right fiber is unqualified(LRFNQ)	The same as above	Solution refer to the above
Left fiber head face is unqualified(LFEANQ)	Left fiber head face angle exceeds limit	Re-cleave left fiber. If cutting quality is still poor after multiple trial, replace the blade (attention: in 【Menu】 -> 【Splicing Mode】 -> 【Surface Angle Threshold】, head face angle limit can be set)
Right fiber head face is unqualified(LRFEANQ)	Right fiber head face angle exceeds limit	Solution refer to the above
Left and Right fiber head face are unqualified(FANQ)	Left and Right fiber head face angle exceeds limit	Solution refer to the above
Estimated loss amount is too much	(1) splice loss exceeds limit; (2) The selected program do not match the fiber type	Clean v-groove, reoperate 【Arc calibration】 then splice again
Power is too insufficient	Current remaining battery less than 2%	Use power adapter to charge

Replace electrodes	Electrodes arc records exceed the limit	Replace electrodes(operate 【Replace Electrodes】 , 【Calibrate system】)
Records exceed limit	Splice records exceed the limit	Use USB data cable to transmit the original splice records, then operate 【Delete Arc Records】
Alignment abnormality	(1) Fiber head face is dusty or head face is poor; (2) Windproof cover is pressed too tightly; (3) LED lamp brightness is inappropriate	Re-cleave and clean fiber, then try alignment. If problem still remains, operate 【 Calibrate System】 or restart the equipment.
Timeout abnormality	Alignment during splice process takes longer time	Restart alignment and fusion. Restart the equipment if the problem still remains
Field of view abnormality	(1) Electrodes placement is incorrect; (2) Equipment structure is damaged	Operate 【Calibrate System】 , if the error still exists, re-install electrode bars. if the problem remains, contact the after sales service department
Data abnormality	The equipment is running in abnormal state	It does not affect the operation,continue alignment and splicing. Restart the equipment if the error still exists.
Light source abnormality	(1) LED lamp brightness is inappropriate; (2) Windproof cover is inappropriately placed	Operate 【Calibrate System】 firstly. If the problem remains, contact the after sales service department
Detect abnormality	Abnormality in the process of 【Calibrate System】	Check the placement of fiber and wire connection. If the problem remains, contact the after sales service department
Power abnormality	Battery is abnormally charged	Insert power adapter
Heating shrinkage abnormality	Sleeve heater can not operate normally	Restart equipment. If the problem remains, contact the after sales service department
Store abnormality	Data could not be saved	contact the after sales service department
Communicate abnormality	Data communication exists loss and loss	Restart equipment.If the problem remains, contact the after sales service department
Image abnormality	The camera may be broken or connector interface is loose	Restart equipment. If the problem remains, contact the after sales service department
Sensor abnormality	Inner sensor is broken	This abnormality does not affect normal operation. contact the after sales service department for solution

Abnormal phenomena	Reason	Countermeasures
arc sounds abnormally	Electrodes are incorrectly placed	Re-install electrode strictly
arc delay or system could not arc	(1)Electrodes are incorrectly placed; (2)The electrode tip is wrapped by monox	(1)Re-install electrode strictly; (2)Clean electrode tip or replace electrode
system crashes when arc	Electrodes are incorrectly placed	Re-install electrodes strictly
Arc calibration failure	Environment Affects arc greatly	If the system warns that arc current is too big, decrease splice current, then do 【Arc calibration】 and vice versa. If the problem remains, contact the after sales service department
Optical fiber alignment error	(1) Microscope lens, LED lamp or V-groove is dusty; (2) Equipment power system is faulty	Clean the microscope lens, LED lamp and V-groove, if the problem remains, contact the after sales service department
Fiber spliced joint's quality is poor	(1)Fiber is dusty; (2)The fiber type or fusion splice program selected is wrong; (3)Fusion splice environment changes greatly; (4)Control equipment is broken	(1)Re-make optical fiber, splice again; (2)Choose the right type of fiber and fusion splice program; (3)Operate 【Arc calibration】 to obtain the appropriate intensity of arc; (4)Operate 【Calibrate System】
The keyboard has no response	System crashes	Turn off the power and restart
The screen has no light or blurry colors	(1)System crashes; (2)Wire of LCD monitor looses or is broken	Turn off the power and restart. If the problem remains, contact the after sales service department
On both sides of weld after discharge, fiber has not succeeded	Abnormal discharge intensity or system error	Please do continue to weld again after discharge correction, if still cannot solve the problem, the shutdown restart
Optical fiber in the process of alignment is beyond the view outside	1.Optical fiber placed outside the V groove; 2.System is running abnormal	1.Please re-position the optical fiber and guarantee in the center of the V groove 2.The selected welding mode - > 【welding operation mode】 menu, enter the "manual" mode, select operation about optical fiber, the operator can be through four direction key move the corresponding side of the optical fiber, motor back to the center of the field, and then do self-checking system parameters.

For PDA

Problem	Reason	Solution
Unable to open	The power button press not enough	Press power button more than 2s or longer
	The power low	Charging
	Poor battery contact	Reinstall battery or clean the battery contacts
Some apps are not use	Device storage not enough	Clean up applications such as multimedia messages built into the device and download application records in a timely manner
Insufficient standby time	Battery performance degradation	Change battery
	Play game and music for long time	Limited the time of playing game and music
Charging failure	Poor connect	Check contact, replace socket or plug
	Battery voltage is too low	Will result in no charging display, charge for about half an hour, then unplug and recharge
	Battery failure	Change battery
	The adapter model is incorrect	Replace the appropriate adapter.
	Adapter failure	Replace or repair adapter
Unable connect network	The signal too weak	Move other place
	Out of service area	Confirm network coverage
Button operation invalid	Suffered accident	Remove battery, install in 1 minute
Unable make call	Device card failure	Check or replace the device card
	Dial error	Redial
	Reach the cost limit	Contact the operators
Some calls cannot be reached	The number of phone numbers is exceeded.	Check the phone number
	Setting problem	Check if set "call restrictions"
Unable find address book	The device card was replaced	Use original device card
No number in the directory.	Setting error or battery long-term voltage is too low or not used for a long time.	Check if all resets are activated or the stored data is lost after the battery's long-term voltage is too

		low.
No sound for incoming calls.	Volume is set to mute	Reset the appropriate volume
PIN code error	Enter the password incorrectly three times	Contact with operators
Automatic lock password error	Enter password error (forgot password)	Please contact the designated after-sales service point
Device automatically shuts down	The battery is very low	Please charge
	Setting reason	Check if auto power off is set
	Suffered unexpected interference	Restart the device
Large measurement error	dirty sensor face	clean sensor end face

If still cannot solve the troubleshooting, Please email to info@aveisfth.com for personel direction