

How to use the mobile app

This app is to Assist using the machines, multi functional powerful app help you solve a lot of setting and working status. Meanwhile this will help you to recognize a new way to control the machine.

If you connect the machine, Please note that:

1、register an account

Every time you use the machine, please log in your account, This will help you to control the machine, such as active the electrode, and remote control the machine(which help you when someone else stole your machine, this will help you lock the machine and else one can not use it)

2、 connect the Bluetooth

when you want to use the mobile app, please open the mobile Bluetooth first, then the app will auto search the machine Bluetooth, so that connect the machine and then you can use the app to control the machine.

These 2 things must be done when you use the machine, and now let's start the machine app control guide:





1、Account function

1) Register a new account

下午2:14 👤 Login) Ø କ୍କ ",ii 🖻 🔳 Software update	 下午2:14 〈 Login	207 ପେଟ୍କି.⊪ଅ∎େ K6 ପେଟ୍କି.⊪ଅ∎େ		F午2:14 (Register	<u>∦</u> ≉000≌"∎⊠∎∎
Select language V Learn How to Operate Learn How to Operate Fiber Splicing Set	Read Record	v 1.75 nected device > Smart lock discharge correction discharge correction	Email Password LOGI Forget pass	N	1	Continuing mea	REGISTER ans you've read and agreed to urPrivacy Policy
			No account? Crea	te an account		•	

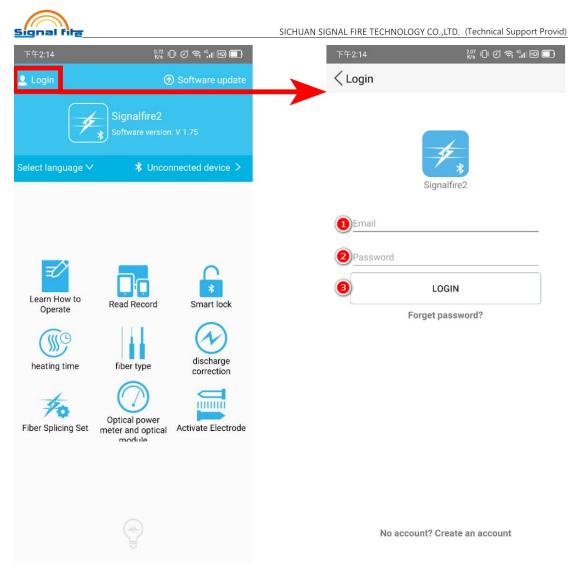
When you get a new machine, the first thing is to register a new account(if you have multi machines, and you can use one account to control all the machine).

Steps: choose "login" \rightarrow at the button, there is a "no account? Create an account", click it \rightarrow fill the box, and your email, password, and then register.

(please note, keep your email in your heart, cause this will help you create a new password when you forget the password. And also this account will help you remote control the machine through the "Smart Lock" Function)

2) Log in account





After you register your account, please input your account

through the text box and log in the account.

Steps: "login" -> fill the text box and login
(this step can open the function of Read record, smart lock, discharge
correction, fiber splicing set, and active electrode. So it's important to log
your account when you use the machine)

3) forget password and renew password



Signal file	SICHUAN SIGNAL FIRE TE	CHNOLOGY CO.,LTD. (Technical Support Provid)
下午2:14 왕 전 이 유 채 교 이 Login ④ Software upd to Signalfire2	ে দ+2:14 টি তে জি াঁ এ তে জে আঁ এ তে জে াঁ এ তে জে ! আঁ এ তে জে ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	ম্প2:14 । টি
Software version: V 1.75 Select language V	Signalfire2	Signalfire2
Image: Learn How to OperateImage: Learn How to Read RecordImage: Learn How to Smart lockImage: Learn How to OperateImage: Learn How to Read RecordImage: Learn How to Smart lockImage: Learn How to 	Email Password LOGIN Forget password?	Email Verification code Send Verification c
	No account? Create an account	

If you forget your password, then you can take this step to

get back your account and get a new password.

Steps: "login" button \rightarrow press the "forget password" button \rightarrow fill the box and then you will get a verification code from email and then you can reset the password

(this operation will help you get back the password, even you forget the password. so this remind you the email's important again)

4) Language setting



Signal file		SICHUAN SIGNAL FIRE TECHNOLOGY CO., LTD. (Technical Support Provid)
下午2:14	0.72 K/\$ ≹Û¢ ∅ 奈 ⁴⁶ ₊ii ⊞ ■	下午2:15 💄 🕺 🖓 🖓 🧐 💭 🗐
🚨 Login	⑦ Software update	< Select language
Ø	Signalfire2	English 🗸
Select language ∨	* Unconnected device >	Русский
		Español
ي		Italiano
Learn How to Operate	Read Record Smart lock	Português (Brasil)
heating time	fiber type discharge correction	Português
Fiber Splicing Set	Optical power meter and optical	Indonesia
	module	Polski
		Français
		عربي

Different country have different using language, so this setting will help you get the language you use.

Steps: choose "Select language" \rightarrow select the language you use.

5) software or firmware upgrade



Signal file	SICHUAN SIGNAL FIRE TEC	CHNOLOGY CO., LTD. (Technical Support Provid)
ፑቸ2:14 👷 🖓 🛈 Ø ຈ "ሐመ 🗊	下午2:24 💄 孝心忍奈 🚛 🗷 🗐	下午224 🌲 🔥 🖞 🖉 💭
▲ Login	\langle Software update	< Software update
Signalfire2 Software version: V 1.75		
Select language V	Signalfire2	Signalfire2
	CHECK APP VERSION	CHECK APP VERSION
Learn How to Operate Read Record Smart lock	Check firmware version	Check firmware version
heating time fiber type discharge correction		
Fiber Splicing Set		
	About software	About software
	Open the phone Bluetooth, the software connect splice machine automatically 1. Spliced data is uploaded to the server automatically and view in the software, 2. You can set the parameter settings, ARC calibration in the software to update the machine synchronously	Open the phone Bluetooth, the software connect splice machine automatically 1. Spliced data is unbaded to the server autom tically and view in the software. 2. You server calibra of Already the latest version packine synchronos.

When you see the machine manufacture date is over a year,

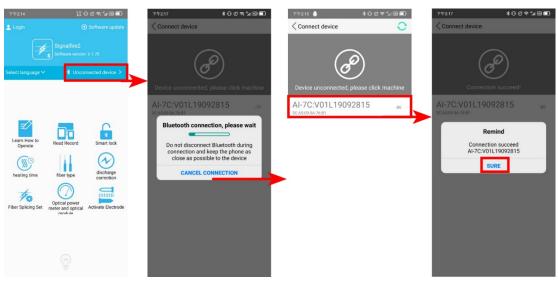
then you can check the firmware is need to upgrade or not,

keep newest firmware, will improve the machine performance.
Steps: choose "Software update" -> 2 choice, one is update the
mobile app version, another is update the machine firmware.
(if the software or firmware are all newest, it will remind you a message in
the bottom).





6) connect the machine



When you log in your account, then connect the machine, this is the essential step to control the machine, and do not forget it.

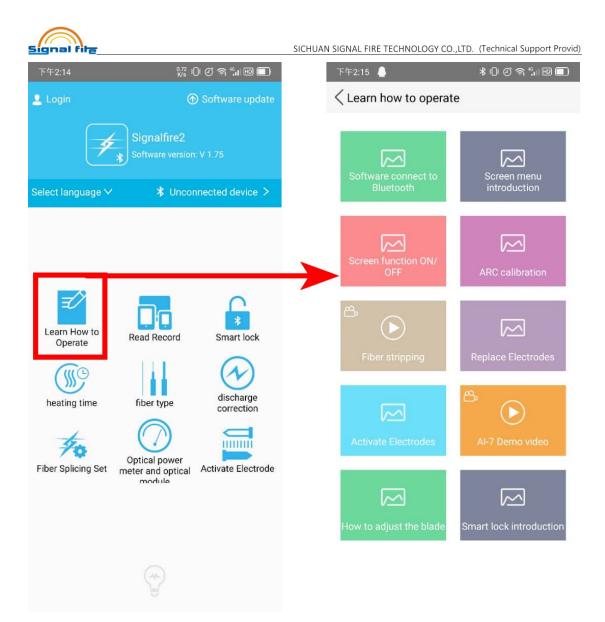
Steps:choose "unconnected device" -> wait Bluetooth connecting -> the device result choose the machine number -> when it remind you connected succeed, you can control the machine Through app.

(when you first time use the app, it will remind you to connect the machine and Bluetooth, but After you connect once, and you open the Bluetooth before opening the app, then the app will auto connect. You can check it)

2、function page

1) operation method guiding





When you don't know how to operate some steps or do not know how to use the machine, then you can see this. These include the picture guide also include some video guide, hope will helps you.

Steps: choose "learn how to operate" and then choose what you what to know.

2) fusion record data



Signal file			SICHUAN SIG	GNAL FIRE	TECHNOLOGY	CO.,LTD.	. (Technica	Support Provid)
下午2:14	0.72 K/s): ()) 🧟 ",11 🖽 🔳	下午	2:18		2	*10:01	° 46,11 HD ■
🚨 Login	œ) Software update	< 5	Splicing	record	1	()	xport EX 2
			Mac	hine num	ber:		Total sp	licing: 958
-4	Signalfire2			AI-7C	:V01L19092	B15	t lates	st number 🔞 p
	<u>_</u>			2020-	06-30	4	2022-0	06-30
Select language ∨	∦ Uncon	nected device >		ode/ mber	Splicing loss	т	īme	Pictures
				1	0.01		2-04-14 :21:58	
Ð		<u> </u>		2	0.00		2-03-21 :29:07	
Learn How to Operate	Read Record	Smart lock		3	0.04		2-03-21 :27:07	
heating time	fiber type	discharge		4	0.01		2-03-17 :09:51	
		correction		5	0.00		2-03-15 :02:40	
Fiber Splicing Set	Optical power meter and optical module	Activate Electrode		6	0.01		2-03-15 :59:00	
				7	0.00		2-03-15 :51:38	
				8	0.03		2-03-15 :48:16	
			CL	EAR API	PRECORDS		PTY WELD	DER RECORD

When you want to check the fusion record, you can see from here. And there are 5 button to operate:

1. upload the date to cloud, and this will still storage the data in data base.

2. Export the excel data record, this can export the data to someone else who need it or need to check.

3. Choose the data times and locate it then see the data record.





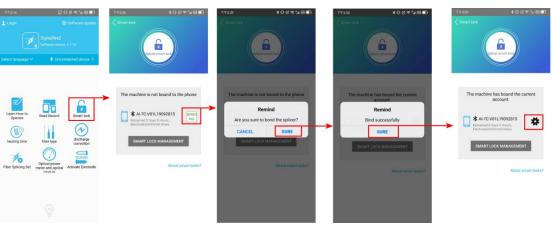
4. Change the date range to check the correspond record.

5. Empty the data, when you don't want these data anymore and you can clean it, also when machine remind you the data is full, you need click this button.

Steps: choose "read record" \rightarrow then according to your need, choose the relative button to filter the data.

3) Smart Lock

3-1 binding the account



This operation will help your account binding to the





machine, which means the account have the one to control the machine in remote. Include remote locking the machine, remote unlocking the machine, and open a period time using

for workers or lend it to someone.

Steps: choose "Smart lock" page \rightarrow press "binding" button \rightarrow sure binding \rightarrow sure successfully \rightarrow then you can see the gear to setting the smart lock.

(please note that smart lock correspond your machine safety, so make sure that binding account is your account).

3-2 lock the machine and unlock the machine

Ff 3:09 ★ ① ② ♥ % ⊠ ■ Smart lock	下午221 くLock settings 休-7C:V01L190 ④ One-key lock machine 〇 One-key unlock machine	* 0 0 % 1 2 1 2 1		¥ 0 গু ন্থ ৷ তি 🗊 Remove binding 092815
The machine has bound the current account. Alternative of Days 9 Hours, ElectrodesUnlimited times SMART LOCK MANAGEMENT	O User-defined unlock		User-defined unlock	ceed!
About smart locks?	SAV	Ē		5

One button to lock the machine

Steps: choose the gear button \rightarrow press "one key lock machine" \rightarrow sure succeed

One button to unlock the machine



gnal file	SICH	IUAN SIGNAL FIF	RE TECHNOLOGY CO.,LT	D. (Technical Suppo
∓3:09 🗱 🕡 🖉 👘 🔳	下午2:21 卷 #	〕 ∅ 奈 ""⊫⊡ 🔲	下午2:21	\$\$0:0 ≑ ",⊪∎ ■
Smart lock	CLock settings	Remove binding	Clock settings	Remove binding
Splicer smart lock	One-key lock machine One-key unlock machine		One-key lock machine One-key unlock machine	
	O User-defined unlock		O User-defined unlock	
account. Accoun			Remi Save succ SUR	:eed!
About smart locks?				
	SAVE		SAVI	

Steps: choose the gear button –> press "one key unlock machine" –> sure succeed

Period and using times limit lock the machine

下午3:09	\$©⊙??"	下年2:21	\$000\$\$".⊪₪∎	下午2:21	\$\$0:0≈""⊪∎∎
		\langle Lock settings	Remove binding	Cock settings	Remove binding
Splicersman	tlock	AI-7C:V01 One-key lock maching		AI-7C:V01	
	/	O ne-key unlock made	chine	One-key unlock mach	line
		User-defined unlock		O User-defined unlock	
The machine has box account * AI-7C:V01L1900 Remained D Days D Ho ElectrodesUnlimited tir	92815	Unlock time period set 2022-06-30 14:21:27 Electrode usage during Used times Used times Used times		Save	emind succeed!
SMART LOCK MAI	NAGEMENT				
	About smart locks?				
			PAUE		
			SAVE	→	

Steps:

Period lock the machine: choose the gear button \rightarrow press "unlock time period setting" \rightarrow sure succeed.

Using times lock the machine: choose the gear button \rightarrow press "electrode usage during unlocking" \rightarrow sure succeed.



4) Heating oven heating time setting

下午2:14	0.72 K/s 208	0 🤋 🚛 🗖		下午2:22 👃	\$100 ≈ " 11 10 ■
🚨 Login	•	Software update		< heating time	
4	Signalfire2			Pre-heat model	1
	Software version:	v 1.75		Choose shrinkable tube	Customize
Select language ∨	∦ Unconr	ected device >		Set heating time	2 s
Learn How to Operate heating time	Read Record fiber type fiber type Optical power meter and optical module	Smart lock Smart lock discharge correction	->	When the windshield	for 6 seconds. Turning de can appropriately ne of the heat prove efficiency. temperature, heating eating time can be
				SAVE	QUERY

Usually we use Initial setting value, also we can change

the heating time and pre-heat module on or off.

Steps:

1. choose the "heating time" button -> pre-heat model button(when you turn on it, after fiber fusion succeed, the heating will heating, turn off - when you open the heating oven, then heat) 2. choose the "heating time" button -> heating time change.





5) Fiber type

下午2:14	0.72 K/s 3	〕④ ゑ ""⊨₪ 🔲	下午2:22 👃	* 10	0 🗟 ""
🚨 Login	œ) Software update	\langle fiber type		
#	Signalfire2		SM MM	0	
Select language ∨	<u>.</u>	nected device >	Special Fiber		^
			DS		
			NZ		
			BIF		
ΞŹ	5	0	CZ1		
Learn How to	Read Record	Smart lock	CZ2		
Operate		\sim	 Auto		
heating time	fiber type	discharge			
Fiber Splicing Set	Optical power meter and optical module	Activate Electrode			

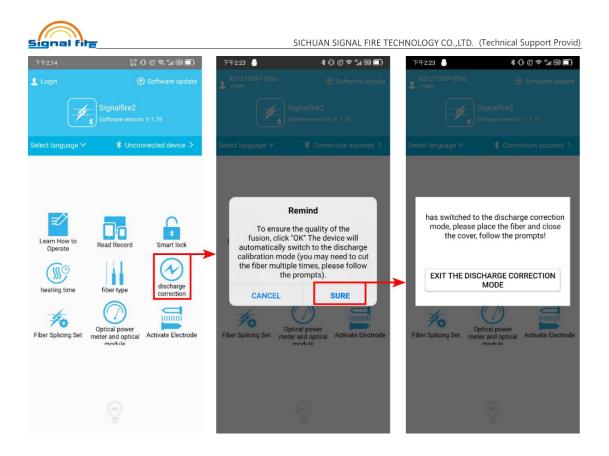
Fiber type there are 2 types we use most and when you

fusion, you can choose this from here.

Steps: choose "fiber type" page \rightarrow choose 'SM' for singal fiber, choose 'MM' for multi fiber.

6) discharge correction(or arc calibration)





When you find the screen display of the fiber fusion center

discharge voltage is low(little white and gap will be there

after fusion), then you can have a this operation.

Steps: choose "discharge correction" page \rightarrow sure the remind \rightarrow into the arc calibration, this time please put the fiber on the machine and wait the machine do arc calibration and follow the voice guiding.

7) Fiber splicing setting

7-1 Parameter setting



Signal fit	e			SICHUAN SI	GNAL FIRE TECHN	OLOGY CO.,LTD. (Technical S	upport i	Provid)
下午2:14	0.72 K/s	009%11100	下午	2:23 👃 🛛 🕷 🕀 @	\$ \$ 	下午2:23 🐥	* 1	Di Q 🛎 ""I	
💄 Login			< s	plice settings		A Parameter Set A	tings		
						Mode			
4.		r: V 1.75				SM	MM	DS	
				-/0		NZ	BIF	CZ1	1
Select language 🗸	Unco	nnected device >				CZ2	Auto		
			G) Parameter Settings	>	Endface quality	3500		
			Ŷ			Normal	Standard	Preci	ise
			Ø	Function configuration		Align mode			
Ξĺ?		C	5	Manual adjust		Core align	Clad	lding aligr	n
Learn How to Operate	Read Record	Smart lock	G	Running mode					
(III)	111	A	0	Restore factory settings		Discharge center	357		Modify
heating time	fiber type	discharge				Splicing voltage	1000) mV	Modify
70	\bigcirc					Splicing time		4000	ms
	Optical power neter and optical module	Activate Electrode				Pre-splice voltage	_	10	mV
						Pre-splice time	_	200	ms
						SAVE			

These parameter keep it and you do not need change it, and when we do arc calibration, it will auto change the parameter here.

Steps: choose "fiber splicing set" page \rightarrow choose "parameter setting" \rightarrow see the parameter, normally we do not change it.

7-2 function configuration



Signal fit	e			SICHUA	N SIGNAL FIRE TE	CHN	OLOGY CO.,LTD. (Technical S	Support Provid)
下午2:14	0.72 K/s):0% % "⊪⊡ ■)	下午	2:23 👃 🛛 🕺	\$10 ♥ ♥ "		下午2:23 👃 👘	009"11101
💄 Login			< s	plice settings			\langle Function configuration	
# ,	Signalfire2			40			Screen image display	XY switch
Select language ❤	∦ Uncor	nnected device >		Splice setting	js		Cleave angle detection	
			E) Parameter Settings	>		Cleave face detection	
			0	Function configuration	>		Fiber tensile test	
ΞŹ		c	6	Manual adjust	>		Splice process pause	
Learn How to Operate	Read Record	Smart lock	G	Running mode			Splice wrong image	
(M)®	111	A	0	Restore factory settings	• >		Auto focus	
heating time	fiber type	discharge correction					Power off after standby	
to	\bigcirc						Power off voice	
Fiber Splicing Set	Optical power meter and optical module	Activate Electrode					Buzzer	
							Screen brightness control (lower save p	brightness, you can ower)
							n - 20 40 AN	80 100
							SAVE	QUERY

Fiber fusion process function, you can turn off the "splice process pause", so that the fiber fusion will fully auto, and also the "auto focus" you can turn off, cause this will cost a lot time for focusing. Else you can use the original setting.

Steps: choose "fiber splicing set" page \rightarrow choose "function configuration" \rightarrow see the function button, and change what you need. (splice process pause usually use for checking the fiber display function, so we normally close it, when you find that the fiber is blurred, please open this function and check the machine.)

7-3 Manual adjust the motor



Signal f	ite	SICHU	JAN SIGNA	L FIRE TECHNOLOGY C	O.,LTD. (Technical	Support Provid)	
下午2:14	%" 10 © ≈ " . 1 ₪ ■	下午2:23 🛔 🛛 🖇 印 ② 常	".ı 🗉 🔳	ፑቶ223 🌡 🔭 🔭 🔭 🖡 🐨 🔳			
💄 Login	Software update	\langle Splice settings		< Manual adjust			
Ø	Signalfire2 Software version: V 1.75	* •		Camera focus Speed:9 Steps:1	X 🔿 Y		
Select language ∨	Inconnected device >	Splice settings		Steps			
		Parameter Settings	>	Motor adjust			
		Sunction configuration		Speed: 9	Steps: 100		
=D		5 Manual adjust	>		$\langle \rangle$		
Learn How to Operate	Read Record Smart lock	C Running mode		\sim	\sim		
	discharge	() Restore factory settings		Left motor	Right motor		
heating time	correction			FOCUS LEN	GTH FLAG		
Fiber Splicing Set	Optical power meter and optical module			RESET	CLEAN DUST		
		>		PAUSE/ARC	ARC		
				Save su	ccceed!		

These function is combine with the "splice process pause" function, when you see the fiber is blurred, and you can control these 2 parts motor. One is camera focus motor,

another is thrust and align motor, these 2 is separately.

Steps: choose "fiber splicing set" page -> choose "manual adjust " ->

1, the camera focus control the fiber display clear or not, X shows S Screen, Y shows Y screen. The left and right control the focus change, and steps change the on click change Variation.

2. The motor adjust control 2 parts. Left motor control left side(left and right control button, control fiber holder moving left and right, up and down control button, control v-grooves up and down moving), Right motor control Right side(left and right control button, control fiber holder moving left and right, up and down control button, control v-grooves up and down moving),

7-4 running mode



Signal fi	e			SICHU	AN SIGNAL F	IRE TECH	NOLOGY CO.,LTD. (Tec	hnical Support Provid)
下午2:14	0.72 K/s 위	0 9 %.11 10 🔳	下午:	2:23 👃	\$D:©\$°",⊪⊡		下午2:23 🐣	∦:():();(;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
👤 Login	Login 💮 Software update		< s	\langle Splice settings			< Running mode	
Signalfire2 Software version: V 1.75								0
				-In			Factory mode	0
Select language V							ARC calibration	3
				Splice setti	ngs		Screen dust detection	0
			G	Parameter Settings				
			Ø	Function configuration	n			
Learn How to Operate	Read Record	Smart lock	5	Manual adjust				
			G	Running mode		>		
heating time	fiber type	discharge	0	Restore factory settin	gs	>		
Fiber Splicing Set	Optical power meter and optical module	Activate Electrode	>					

Different running mode we do different things.

- "Normal mode" is normal fiber fusion process.
- "Factory mode" is checking the machine is pause, which same like

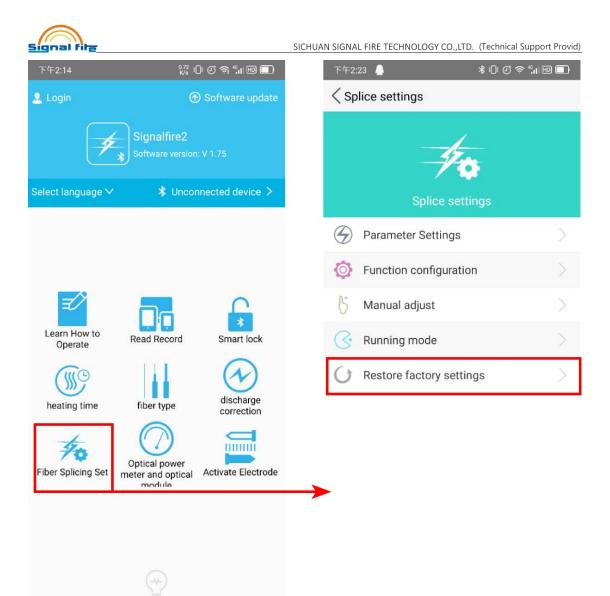
"splice process pause" function.

"Arc calibration" is same of the page "discharge correction".

"Screen dust detection" is to check the screen is shield by the dirt or something else. (when you do this check, please take the fiber out of the machine, and make the machine no fiber on it. Then we test the lens and CMOS)

7-5 Restore factory settings

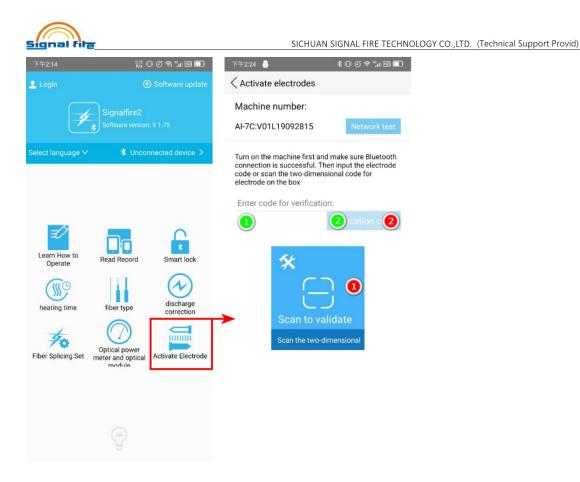




When you meet the problem about the machine can not normal working, especially the fiber Repeated push fiber and the screen is not show you the fiber, you can press this button, to restore the machine to a good status. Steps: choose "fiber splicing set" page -> choose "restore factory settings".

8) Active the Electrode





When your machine shows you that the electrode using times low than 100, you need change the electrode, then active the electrode with the electrode QR Code, this is necessary and one qr code only can use once.

Steps: choose "Active Electrode" Page \rightarrow then 2 ways to active the electrode

input the QR code number to the text box and then verification it.
 Scan the QR Code directly and then verification it.

(if you meet the qr code is blurred, then you can input the qr code number, and if the both way can not solve, please contact after sales support.

