

SM-220 Manual Fiber Stripper

Manual



Product name : (Manual Fiber Stripper) (for example Figure 1)




model: SM-220/22

Important safety precautions

This product has been designed and manufactured to assure personal safety. Improper use can result in bodily injury and serious damage to the jacket remover, please read and observe all warnings instructions given in this operation manual.

The meaning of warning signs, this product has the following signs, please carefully read and understand the contents

Logo graphic mean.

	<p>Note that the notation contains danger, warning means. the instructions on the product and the graphical representation of the general's attention, danger, warning means.</p>
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- please read carefully before use warnings and precautions

1、forward

Thank you very much for purchasing the first use of the company SM-201 heating manual fiber stripper. The product with compact and lightweight design, easy to use and reliable. It works by vertical stripping, the force is small and stripping quality is high. The blade is durable and easy to replace. The Fiber Hot Jacket Remover uses linear bearing guide and hot stripping methods, to ensure no damage to the fiber, easy and fast to strip coating. This product is also available with fiber stripping and window stripping the overall functionality. Before using the product, read this manual carefully in its entirety to fully understand product capabilities. Save this manual in a location in which you can easily get to see

2、Basic introduction to the product

◆Product specifications and main technical parameters

main technical parameters	
Features	This unit has the overall function of stripping and window strip
Stripped Length	Max 30mm
Heating Mode	Normal mode
	Power-saving mode
Temperature Setting	Four Temperature: 70℃、80℃、90℃、100℃
Fiber Clamped Mode	Serials of clamps: FH-1、FH-2、FH-4、FH-8、FH-12
Power Supply	DC 12V power supply using the adaptor conversion
Dimensions	118.5(L) X 46(D) X 31.5(H) mm
Weight	300g
Environmental requirements	Humidity below 85% %

◆Fiber choice

For fiber	
Fiber materials	Quartz glass
Coating material	UV hardening resin
Fiber count and coating thickness	Single fiber optical coating $\Phi 0.25$ - $\Phi 0.4$ mm. 2to 12-core ribbon fiber
Fiber diameter	125 μ m

◆standard

Name	Specification	Quantity
Manual fiber stripper	SM-220/220A	1
power adapters	AC220/DC12	1
8-cell-clamp		1
Power cord		1
namual		1

3、Structure

◆Figure 2 shows the overall structure

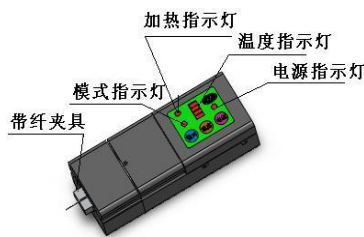


Figure 2



Figure 3

◆Function Keys: Function keys shown in Figure 3

1、Power button

For the product power on and off, that power: Press the "Power" button for 1 second or so to see the power indicator light on the release line; off: Press and hold "Power" button 4-5 seconds after the release, see the power light off on the line.

2、Temperature key

Temperature control for heating, the product control panel on the "temperature" button corresponding to the four panes from the bottom up followed by 70 °C, 80 °C, 90 °C and 100 °C were fourth gear temperature, red light represents the file successfully set temperature , power-on default temperature is 70 °C, the control panel click on the "temperature" key in ascending order of temperature 10 °C, when the temperature reaches 100 °C, the click "temperature" button, the temperature has become 70 °C, followed by cycles can be adjusted . Users can choose according to actual needs, the unit recommended working temperature 80 °C or 90 °C.

3、Mode button

The machine has two modes of work:

- 1> Normal mode The model is piece after power has been to keep heating the heating state, can work, can shorten the heating time to wait until the power goes off
- 2> Power-saving mode The model for the pressure-fiber cover is closed after heating, the pressure to stop the heating fiber cover is open. The default mode is powered on for the power-saving mode. Click the Mode button on the keyboard that can make the conversion between two modes.

4、Heating indicator light:

Heating status light is red when heated, said heating plate is heated, when the light turns green, the heat sink temperature has reached the set temperature, then you can peel fiber of. .

4、Preparing the power supply

Using the power adapter into power DC12V

5、Methods of operation

- 1、Connect the power adapter to both ends of the AC220V power and thermal stripping Power Interface;
- 2、The optical fiber length according to user needs into the fixture stripping (Figure 4);

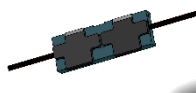


Figure 4



Figure 5

- 3、 The fixture will be installed into the fixture fiber mat (Figure 5);
 - 4、 Open hot stripping power supply, that is press the power button for about 1 second until the power indicator light;
 - 5、 Transferred to the temperature key file 2 or 3 files;
 - 6、 The hot pressed fiber stripping device cover and turn left cover cover;
 - 7、 Wait for the heat indicator that turns green to reach the preset temperature;
 - 8、 Stripping fiber: Hold down the right hand part, left part of the uniform force will pull to the left;
- Special note: When a window needs to be done stripping, the part can not pull the clamp left in place, should remain 3-5mm coating layer is connected with fiber.
- 9、 left cover, followed by pressure-fiber cover open, remove the fixture and with the fiber, please do not forget to note that after stripping out each strip of the coating layer;
 - 10、 Use a purity of more than 99% alcohol soaked gauze clean fiber direction of the arrow (Figure 6);

Figure 6



- 11、 Fiber top flick with your fingers, so that fiber does not overlap neatly arranged (Figure 7);



Figure 7


- 12、 Press "Power" button 4-5 seconds after the release, the power light is off, turn off and unplug the power adapter.
- ★Please do not re-used with gauze; Please be careful not to hurt your fingers fiber top.

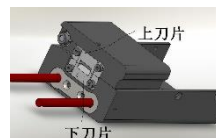
Note: do not use the machine should be shut down more than 5 minutes over hot stripping pliers, and unplug the power plug, to avoid prolonged heating in air machine state, the shortening of the life of hot-stripping pliers.

6、 Maintain

◆Daily cleaning

To enable the normal functioning of this product, must be cleaned before and after maintenance, please use the 99% ethanol alcohol-soaked cotton swab cleaning blade, heating plate and rubber parts. Fixture and the host of the tank is cleaned the same way.

	<p>1、 Blade, heating plate and the rubber coating layer attached to the Ministry of slag is damage to the SM-20ltrip functions reasons.</p>
	<p>2、 When cleaning, use 99% ethanol alcohol. If alcohol is easy to make the blade lower purity rust, rubber deterioration.</p>



◆Blade replacement

Blade is very sharp, the operation required more attention. Exchange to ensure safety, make sure that the host must be in the following states:

- 1、 Power off;
- 2、 Heating film is cooled state (after power is turned off, please wait 3 minutes or more)

Note: Please also replace the blade up and down, up and down the blade is no different

◆ATC procedures:

1. Fixed blade with a hex wrench to loosen the screws, remove the blade up and down;
Figure 8
2. Install the new blade on the lower part, the use of screws, and is not completely fixed state (Figure 8);
3. Install the new blade on the upper part, the use of screws, and is not completely fixed state (Figure 8)
4. Slightly up and down the blade of the screw will tighten, keeping the blade can be moved around a very small margin;

Please confirm whether the blade moves up and down the room

5、Adjust the upper blade

Closing pressure-fiber cover, and compaction pressure fiber cover and holder, with a hex wrench pressure above the top of the silk fiber cover (Figure 9) onto the blade up and down in place so that there is no gap (except knife) and tighten around the lower part of the fixed blade Tighten the screws, note the power evenly, the seamless alignment. Then tighten the screws around the upper part of the blade;

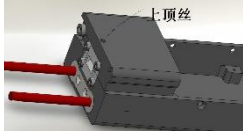







figure 9

- A: Confirm the lower part there is no gap between the blade and the host
- B: Confirm the lower blade and upper blade there is no gap between
- C: Sure the upper and lower blade edge into a straight line aligned left and right

6、By test-cutting steps, and then observe the effect of fiber stripping, to test whether adjusting the blade.

7、Frequently Asked Questions

Status	Example Figure	Phenomenon
Good		Good overall strip
		Good window strip
Bad		Fiber break
		Poor fiber coating stripping
		Fiber coating is not stripped

Fiber coating stripping bad, mainly for the following reasons:

(A) Cleaning is not complete

Blade, heating plate and the rubber part on the residual slag coating, strip coating will lead to poor. Follow the [daily cleaning] the project again clean.

(B) Blade does not cut into the coating

- 1、As the blade properly adjusted can cause this situation. Please refer to [blade replacement] of the project, verify the correct installation of the blade, the blade whether there is loosening screws.

2. Blade wear

Even the location of the blade has been adjusted to the appropriate location, or place the issue of poor strip, it may be because the blades wear, please contact our service center. See back cover telephone service center page.

3. Heating temperature did not reach the predetermined temperature may also happen. In the strip coating, please observe the state of the heating lamp.

Coating layer is difficult to strip, strip the coating easily broken.

- 1、 the coating material, ambient temperature and other factors, you can use the machine key to set the temperature of the heating temperature is more appropriate. Ambient temperature is generally low, raising the temperature of the heating film, can be more easily stripped;
- 2, and the quality of the ribbon fiber itself, the poor quality of the optical fiber may also lead to peeling of the coating layer break.

Thank you carefully read the complete instructions! Zhu Guigong Division flourishing!

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