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BTFJ500 Sealing Machine

Operation Manual

(Technical Manual)

P&T (NINGBO) MEDICAL MACHINE CO., LTD

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b) Dissemble the control mainframe of own accord;

c) Alter the invoice or without purchasing invoice;

d) Failed to operate according to operation instruction;

e) Damage made by exterior causes such as abnormal voltage or fires etc.

Ⅷ Transportation and Storage

If the product will be left unused for long terms or needs to be transported, pull off the power supply of the product. Handle with care during the transportation and avoid applying heavy force.

Ⅸ Precautions

1. The sealing machine should be installed upwards in use. Do not lie the machine aside or in obliquity

2. Do not spray water on to the sealing machine to avoid power leakage.

3. Do not turn the knob of the sealing machine to higher than 4 in order not to affect the sealing quality.

4 Do not roll the sealing machine randomly.

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Production Address: Houcang, Shigan Subdistrict, Yinzhou District, Ningbo, China

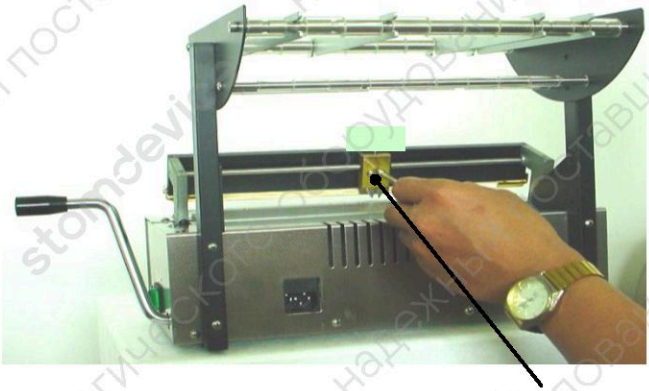
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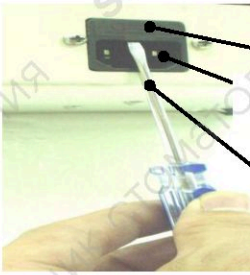
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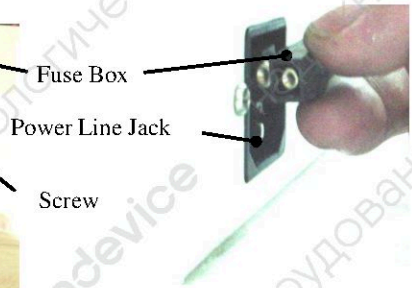
Graph 27: Schematic of Gripper and Blade Replacements

2. Fuse Replacements

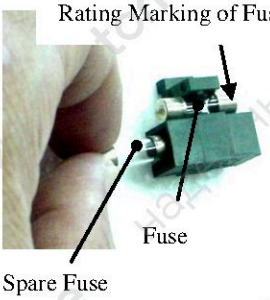
Fuse should be replaced as instructed in Graph 28, 29, and 30 with rated values of F5A ~250V.



Graph 28



Graph 29



Graph 30

Ⅶ. Guaranty

The product will be warranted for two years with invoice excluding the following circumstances:

a) Damage made by improper transportation, installation, application and management;

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Ⅰ. General

1 Structure of the Sealing Machine



Graph 1: Structure Schematic of Sealing Machine

2. Features

The machine is one of the matching products of the sterilizer with the features of stable performance, nice appearance, easy operation and low repair rate etc. The best sealing temperature can be adjusted as the voltage changes. Stainless steel is used for its shell to prevent corrosion and make it easy for cleaning. Cutter knife of double blades is installed inside and the cut is even.

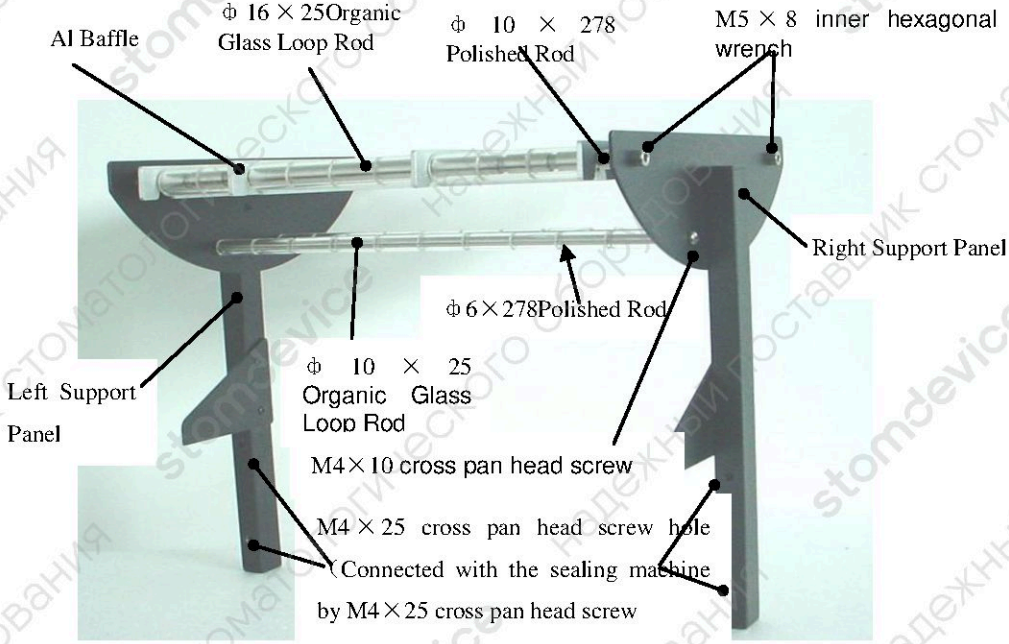
Ⅱ. Technical Parameters

Source Voltage and Frequency:	220V±22V 50Hz±1H
Power:	500W
Greatest Sealing Width:	250mm
Indentation Width:	10mm
Gross Weight:	8kg
Net Weight	5kg
Package Size	（420×340×250）mm

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III. Installation

The support and body of the sealing bag drum are separated during transportation. The support of the drum are composed of loop rod, polished rod, M4×10 cross pan head screw, M5×8 hexagonal socket head cap screw, and sleeve. Please follow Graph 2 to finish the installation of the support.



Graph 2: Schematic of Support Installation

IV Operations

1. Settings of Power Line Plugs and Temperature Adjustments

Connect the power line to the jack of sealing machine as shown in Graph 3, and connect the plug to AC220V, / 50Hz. Open the power switch and wait for about 2 minutes for the preheating. When the heating indicator lamp is off, the sealing machine can be used in order (Do not touch the heated guide rail to avoid scald).

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Graph 18 M4×25 cross pan head screw



Graph 19 M5×8 hexagonal Spanner



Graph 20 M5×8 hexagonal socket head cap screw



Graph 21 M4×10 cross pan head screw



Graph 22 Worktable



Graph 23 Blade



Graph 24 Sealing test paper



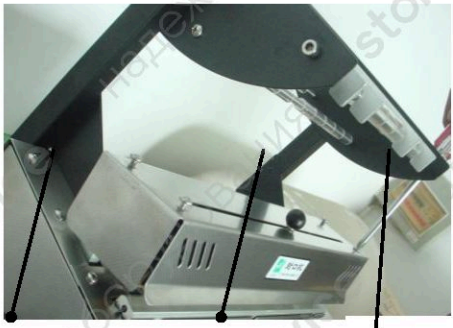
Graph 25 Power Line

VI Maintenance

Caution: Before maintenance, turn off the switch and pull off the power plug, Operation can be made only after the machine is cooled down to avoid scald.

1 Gripper and Blade Replacement

Swing off the handle and then the 4 s
cover (Caution for sharp blade) to show the gri
and blades and replace new ones. Swing ba
(Notice: the blades should be flexible when co
handle of the stick knife.



Remove the four screws Remove the Handle Screwdriver

Graph 26: Schemed of Removing Screws and

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（Brought Forward From Previous Page） Table 1

S/N	Name		Qty
4	Organic Glass Loop Rod	ф10×25	20
		ф16×25	18
5	Drive Handle		1
6	M4×25 cross pan head screw (Stainless Steel)		4
7	M5×8 inner hexagonal wrench		2
8	M5×8 hexagonal socket head cap screw (stainless steel)		4
9	M4×10 cross pan head screw (Stainless steel)		4
10	Worktable		1
11	Blade		4
12	Sealing Testing Paper		1 米
13	Power Line		1

2 Schematic of Accessories

See detailed in Graph 10 to 25



Graph 10 Left Support Panel



Graph 11Right Support Panel



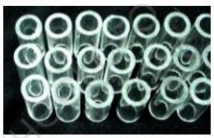
Graph 12 Al Baffle



Graph13 ф6×278 Polished R



Graph 14ф10×278 Polished Rod



Graph 15 ф10×25 Organic Glass Loop Rod



Graph 16ф16×25 Organic Glass Loop Rod



Graph 17 Drive Han

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Power Line Plug

Graph 3: Schematic of Power Line Connection

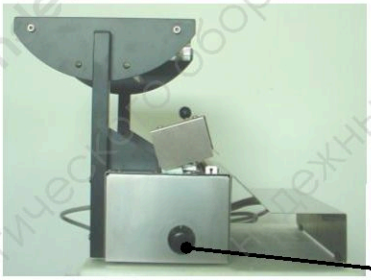
The machine is provided with a super précised temperature control system which can make temperature adjustment with the temperature adjustment knob (See Graph 4). The hand of the temperature knob should be set under the reticle of "4" when using aseptic package material (with one side Nylon and the other is paper). First lower the temperature by contraroating the knob then turn slowly to raise the temperature till the temperature can meet the sealing quality Adjustment is not needed for the same materials later.

The machine can ensure a uniform high quality when make sealing on crystal sterilization package. One side of the paper faces the heating guide rail, Materials of pipe shaped foil are not available for the materials can easily adhere to the heating guide rail.

The knob should be adjusted between 3 to 4(Graph 4) to avoid any unsatisfying sealing effects caused by over high or over low temperature. Put the crystal sterilization package between the grippers and heating guide rain with the paper side down. Press the driving handle till pressure can be felt to make sealing effect. Sealing pressure should be ensured all the time. If the driving handle is not pressed thoroughly, the sealing pressure is not reached; the sealing effect can be affected. Do not release the driving handle during the sealing for about 4 minutes.

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Cut off the package bag, and return the driving handle to the original position to end the sealing. Sealing can be resumed if the power switch is not turned off.





Temperature Adjustment Knob

Graph 4: Temperature Adjustment Schematic

2 Sealing, Cutting and Package of Packing Bags

As shown in Graph 5, put the drum on the support, insert into the back of gripper cover and threaded between the gripper and the heating guide rail. Keep the paper face down to make contact with the heating guide rail. Seal the bag if the required length is made (See in Graph 6) and drag the handle of the stick bite to cut off the packing bag (See in Graph 7). The sterilization packing bags may not be cut properly or may present wrinkles if the cutting is too slow. Both side of the stick bite can cut. Put the substances to be sterilized to the bage and seal the other opening end.



Graph 5: Drum Installation Schematic

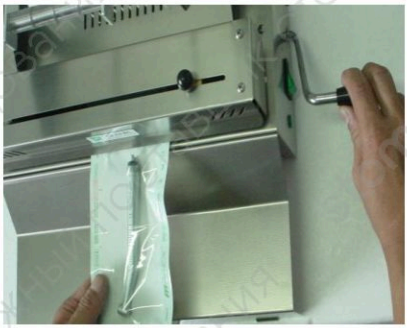


Graph 6: Packing Bag Sealing Schematic

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Graph 7: Packing Bag Cutting Schematic



Graph 8 Sealing Schematic of Packing Bag with Substance to be Sterilized



Graph 9: Schematic of Installation Worktable

Ⅴ Accessories

1. The list of accessories are detailed in Table 1.

S/N	Name		Qty
1	Left/Right Supporting Panel		1 for each
2	Al Baffle		4
3	Polished Rod	φ6×278	2
		φ10×278	2

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