

## 8 Proper use of the sealer

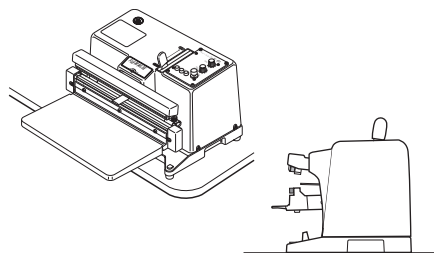
Use only as described in this manual.

There is a risk of danger and malfunctions may result if the machine is used not in accordance with this

### 8-1 Setting the machine

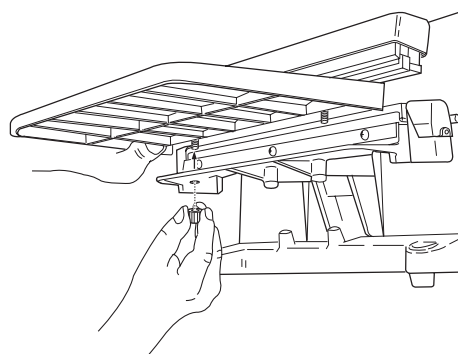
Place the machine on a flat, horizontal working table.

Do not use the machine in a location on the unstable place where the machine can fall.



### 8-2 Mounting the table

- 1 Remove the plastic nuts (white) and insert the screws of the table into the designated holes.
- 2 Fasten the plastic nuts (white) to fix the table securely.



### 8-3 Plugging in the electrical power cord.

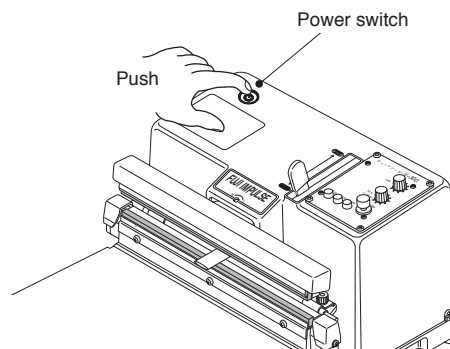
The power cord is located on the right side of the machine, when facing toward it. Make sure the electrical outlet has adequate current carrying capacity as described at "1. Specification." Insert the electric power plug fully into the wall outlet.



There is a danger of fire if the electrical power source does not meet proper specification.

### 8-4 Power switch ON

Push the power switch located on the top of the frame cover. Power indicator lamp on the timer unit will turn on.



## 8-5 Set the sealing condition

Set the heating and vacuuming time with the timer unit. The sealing condition will vary depending on the pouch/ film material, thickness and size. Reset the sealing condition everytime you change the pouch/ film.

- Adjust the heating time

Adjust the heating time by turning the heating time adjustment knob. The heating time varies depending on the film/pouch material. Setting the knob to the greater number will increase the heating time. [Setting range: 0.1-2.3 seconds.]

Set the heating time at minimum required to make a sufficient seal.



There is a danger of fire if you set the long heating time without taking the sufficient cooling time under the auto cycle mode.

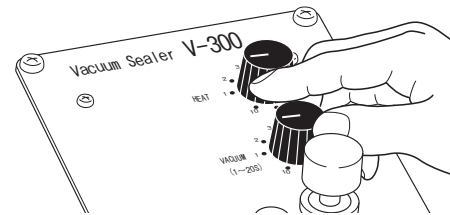
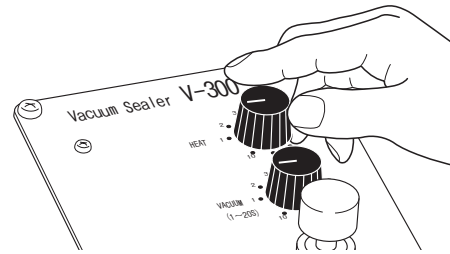
- Adjust the vacuuming time

Adjust the vacuuming time by turning the vacuuming time adjustment knob. Setting the knob to the greater number will increase the vacuuming time. [Setting range: 1-20 seconds.]

Normally set the vacuuming scale to 10. When vacuuming the small pouch, lower the vacuum scale and decide the optimum time through several tests.

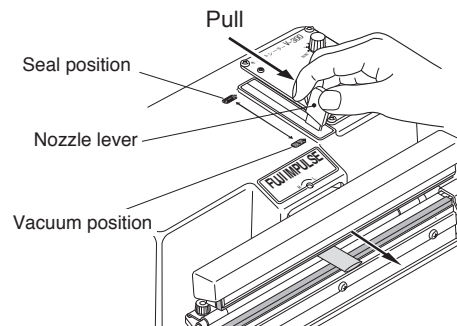


When deciding the optimum vacuuming time, set the heating time to 0. This will allow you to conduct the seal test repeatedly.



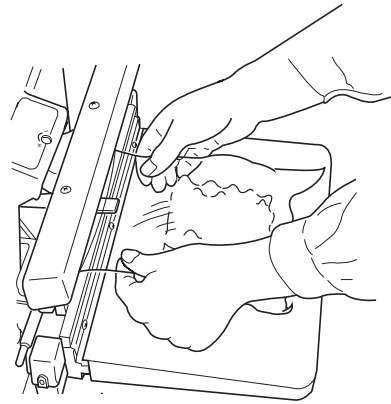
## 8-6 Forward the nozzle

Pull the nozzle lever toward you. The nozzle will move forward crossing the sealing area. When the vacuuming operation is not necessary, you can skip this operation.



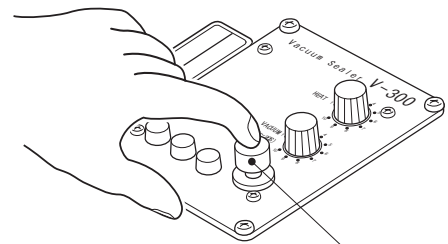
## 8-7 Place a bag to the sealing area

- 1 Hold the bag with both hands at the sealing position. Slid the upper film of the bag toward you so the bag opens and make it easy to insert the nozzle.
- 2 Move your hands outward, stretching out the bag to minimize wrinkles. While you do so, push the table down into its lockign position until it clicks.
- 3 When the packaging content is solid item, move the content as close as to the nozzle so the film does not cover the nozzle time. This will make the vacuuming much easier. When the content is liquid or powder item, on the other hand, keep the space between the nozzle and content.
- 4 Arrange the content neatly in the bag.



## 8-8 Start vacuuming

The vacuuming starts by pushing the vacuum start button at the set vacuuming time. When the vacuuming is not enough, either push the vacuum button again or set the vacuuming time longer. Unless you pull the nozzle backward, the vacuuming process can be repeated endlessly. Please note that the air will flow into the bag after vacuuming.



Vacuum start button

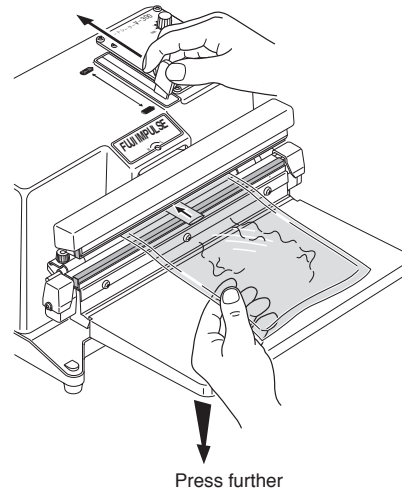
## 8-9 Press the table further down

When the vacuum timer stops, the vacuuming finishes. Push the nozzle lever backward quickly with your right hand and press the table further down with your left hand immediately after the vacuuming finishes.

**TIPS** Operate the vacuuming manually

To stop the vacuuming at the optimum level, simply push back the lever to the position of "Seal". The vacuuming stops even in the mid-cycle when the lever is pushed to the seal position.

Pull back the nozzle



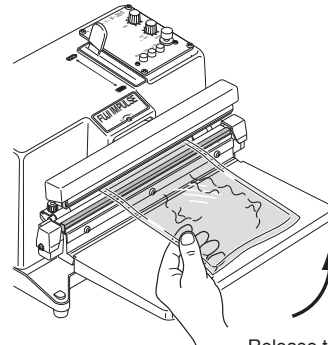
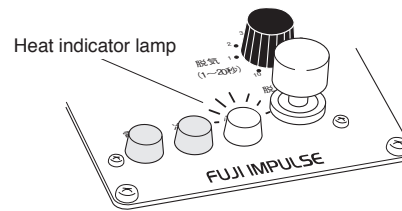
Press further

## 8-10 Allow sufficient cooling time

Cooling time is important when using an impulse sealer. After the film is heated, the film must cool with the frame and pressure lever in the closed position. After the heating lamp turns off, keep the for 2-3 seconds. (The instructions are described in the “Proper use of the sealer” section)



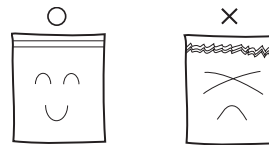
Without taking the sufficient cooling time, the sealing may result in failuer and shorten the life of the routine maintenance parts. In addition, poor seal could contribute to the oxidation and/or deterioration of the content.



Release the table 2-3 seconds after the heat indicator lamp turns off.

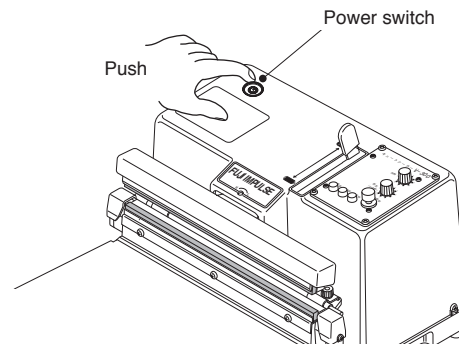
## 8-11 Finishing sealing

After the heating and cooling cycle has finished, the pressure lever returns to the initial position, and the sealing is complete. If a sealing is not clean enough, adjust the heating/ cooling time or sealing pressure.



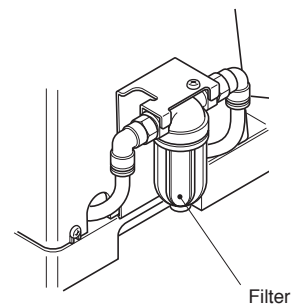
## 8-12 Power switch OFF

After finishing operation, always turn OFF the power switch. Unplug the power outlet in the case of not using the machine for a while.

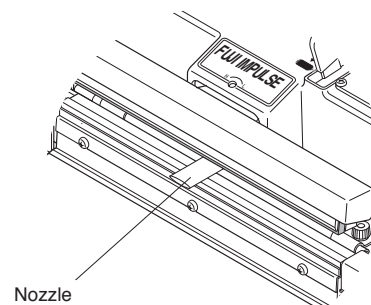


## 8-13 Inspection after operation

After use, please clean up the parts. Inspect parts such as Teflon and heating element to make sure that they are not damaged. If the parts appear to be damaged, replace them referring to operating instruction.



After the operation, please make sure there are no foreign objects in the air filter. If you find the foreign objects, remove the filter and clean it.



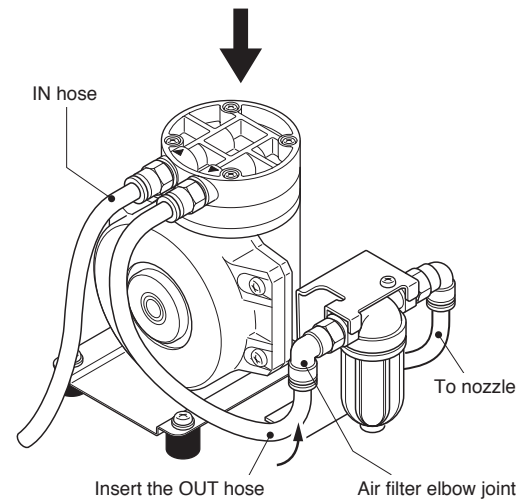
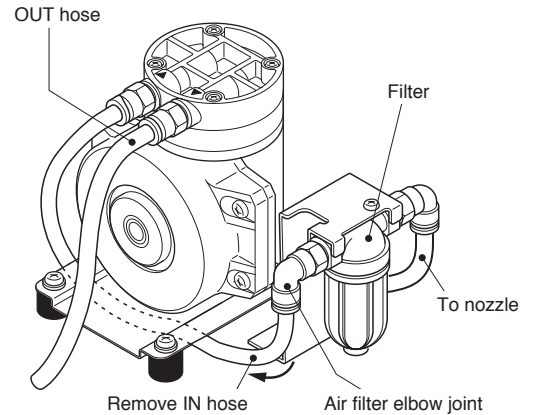
## 9 When air flushing is desired

The V-300 not only removes the air, but can flush it as well. It is as simple as reversing the air hose lines on the vacuum pump. The procedure for changing the hose connection is explained in below.

- 1 Using a Philips screwdriver, loosen the screws holding the frame cover and remove it.

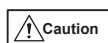
- 2 Remove the IN hose from the ar filter elbow joint and set it so that it comes outside of the machine body.

- 3 Next, insert the OUT hose that comes to outside the machine body into the elbow joint where the IN hose was set. The air will be provided.



## 10 How to remove the piping

When removing the vacuum/flushing air lines, pull the hose while pushing on the release ring around the elbow joint. (This is unnecessary when plugging in the hoses.) The check-valve-action of the collect will prevent the hoses from slipping out. The leak-proof seal is thanks to a V-type seal.



If the hose insertion is not enough (less than 18mm), the air will leak and the vacuuming capacity will decrease. Please make sure to fully insert the hose.

