

Handpiece Cleaning And Maintenance Machine User Manual



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01 Overview

Product Features

The machine meets the requirements of new oral disinfection technology and is suitable for all kinds of dental hand pieces. It can be fully cleaned, dried and oiled. It can support the maintenance of up to 16 hand pieces. The automatic control of microcomputer makes the machine easy to operate, energy saving, environmental protection and practical.

02 Precautions for safe use

Warning

Please read the instruction before using the product to avoid accidents.

- please check the reliability of the ground wire connection, not to the other with the power cord, if you plug the power cord does not match with machine, please find a qualified electrician with appropriate outlet for you.
- Do not use the cleaning and maintenance machine when it is not installed
- If the power cord is damaged, it must be replaced by the manufacturer's professional in order to avoid danger
- when installation, don't be bent on the power cord and extrusion.
- Don't change the connection circuit board.
- if an exception occurs or fault, please stop using immediately and pull out the power plug, close the water.

Attentions

1. Please do not open the door of the machine during operation, do not touch the hot water discharged from the drainage hose, to avoid being scalded by steam.
2. The machine must be grounded effectively to avoid danger to you
3. Do not use plug when your hands are wet
4. Do not wipe the machine with solvent and abrasive products.
5. Strong electromagnetic interference should be avoided when using
6. Use special multi-enzyme cleaner
7. The machine with water softener must add special salt, not edible salt instead
8. The appliance should be connected to the water source using new hose assemblies and old hose assemblies should not be reused
9. When you do not use for a long time, turn off the power and turn off the faucet
10. To ensure the best cleaning effect, at least once a week need to clean the screen components
11. Do not open the door during washing, which may cause burns. Do not touch the hot water discharged from the drainage hose during washing.
12. Do not tilt or move the body (which may cause water leakage, etc.) while running.
13. Do not install the washer or stored in outdoor and temperature is below 0 °C.

03 Technical Features

Products Parameters

1. Power: 220V 50Hz; Power: 920W
2. Rated power: 800W
3. Tank capacity: 1L
4. Pressure: 0.1-0.3MPa
5. Rated external water pressure: 0.03-1.0MPa, cold/hot water all ok;
6. Drying method: Fan
7. Size of the machine: 485*450*475 (L*W*H mm)
8. Overall size: 600*580*590 (L*W*H mm) ;
9. Net weight: 16kg;
10. Working noise: ≤ 75 dB.

Packing List

1. The machine	1 piece	6. Bolt	2 pieces
2. Cradle	1 piece	7. water inlet	1 bar
3. Drain clamp	1 piece	8. Drain-pipe	1bar
4. Flap door	2 pieces	9. Specification	1
5. Oil	1 bottle	10. Gas-typefitting	1pieces

04 Installation Instructions

The machine must be properly connected, otherwise it cannot operate normally

◆ Receiving inspection

Remove the packaging, remove all protective tape of the machine, and check all items according to the packing list in the instructions. Each machine will undergo functional testing before delivery. Therefore, please empty a washing procedure before using and the small amount of water or water mark will be cleaned.

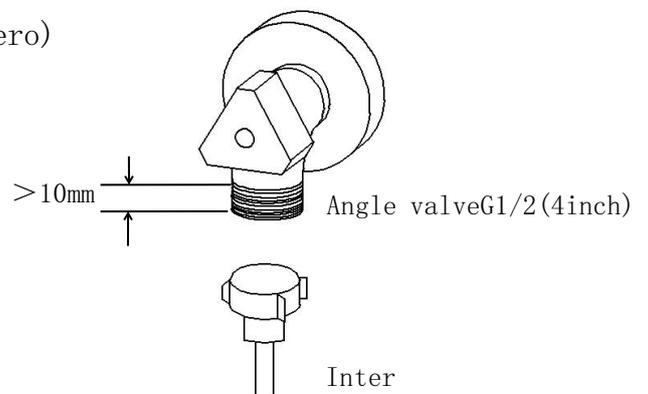
◆ Select the installation location

Please place the machine on firm level, to make it smooth, the bottom can rotate to adjust height (the machine bottom four feet are adjustable, machine factory, the foot is lowest), clockwise to reduce, counterclockwise for elevated place after height space should be able to guarantee the normal opening and operation do not place could freeze in winter (room temperature is not below zero)

◆ Inlet pipe installation

Please pre-reserve the water inlet for the machine as shown on the right.

The attached inlet pipe is connected closely to the machine and inlet port to ensure no water leakage

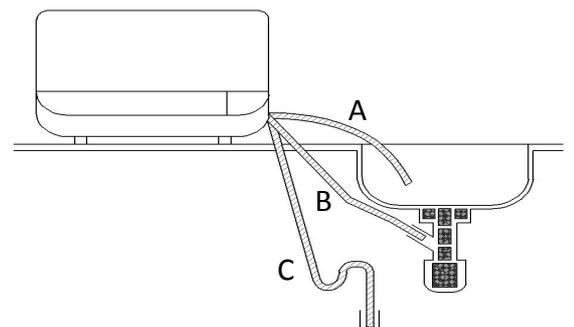


◆ Drain collection

The end of drain can be fixed by the drain bracket,

The drainage pipe can be connected with the drainage system in three ways, as shown in figure A, B and C on the right.

The hoisting height of the drainage



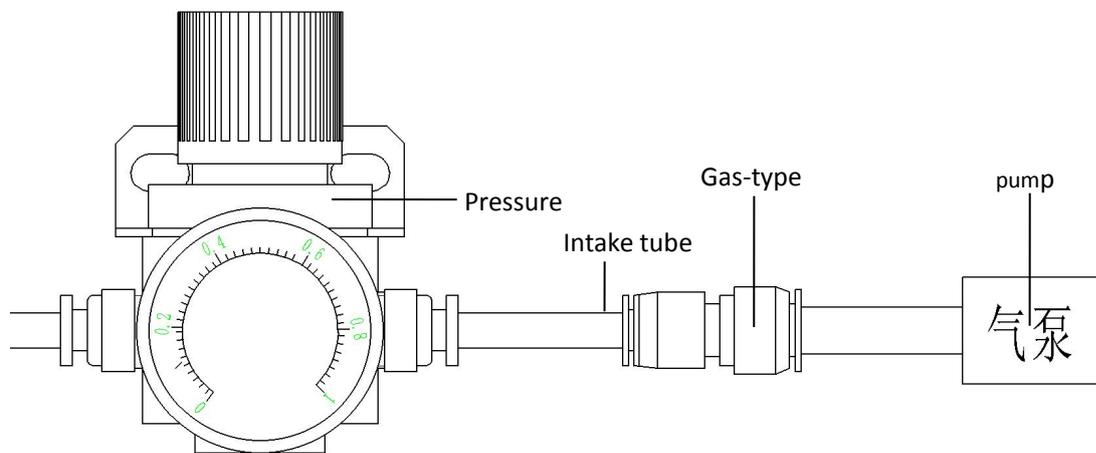
pipe shall not exceed 1000 mm.

◆ Power connection

Connect the power socket, The power supply, voltage and frequency should be the same as the parameters of the product

◆ Tracheal connection

Take out the pipe connector from the packing list, From the back of the machine, Connect one end of the pipe joint to the inlet pipe of the pressure regulating valve of the pressure gauge ,The other end is connected to the air pump in the room



◆ The oil injection

Power on, from the oil pump, Add 1L oil from the yellow.

(About the tank 2/3) 。 If the machine is working,

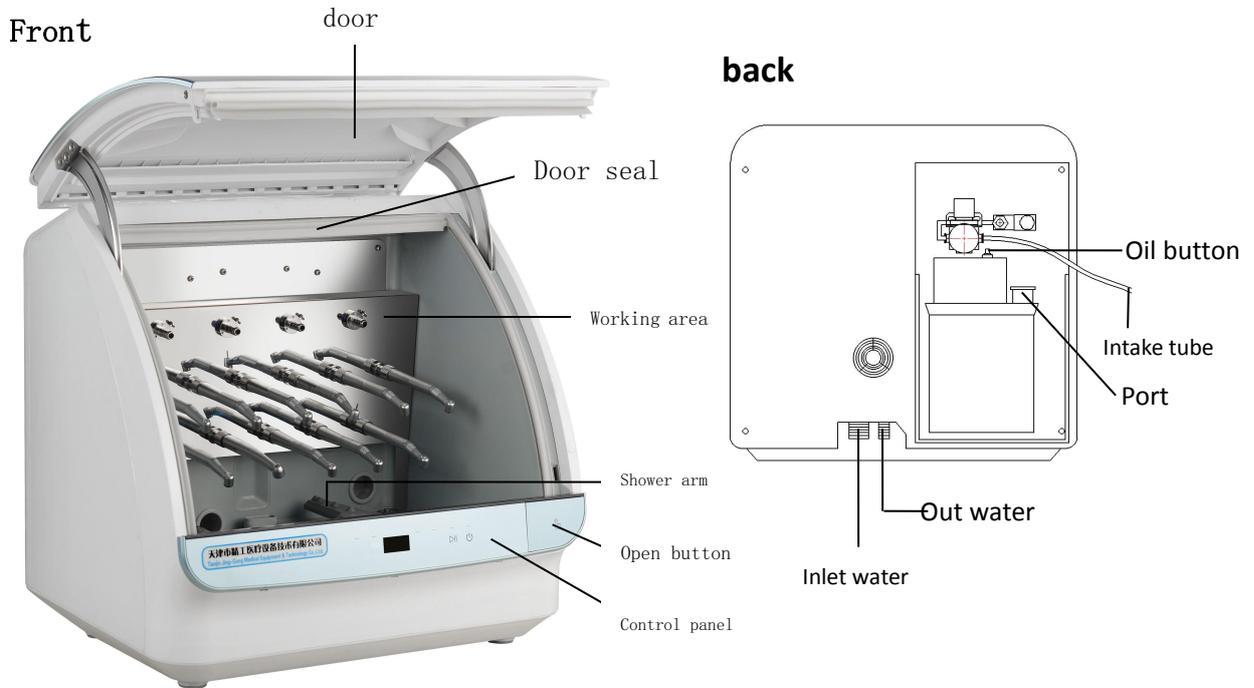
The oil less, the machine will signal” didi” , you need add the oil 。

◆ Remove the machine connections

1. Check the machine and make it there is no storage water.
2. Close the machine
3. Turn the water supply
4. Remove the inlet pipe, drain pipe and pipe connection
5. Put away the dismantled fittings.

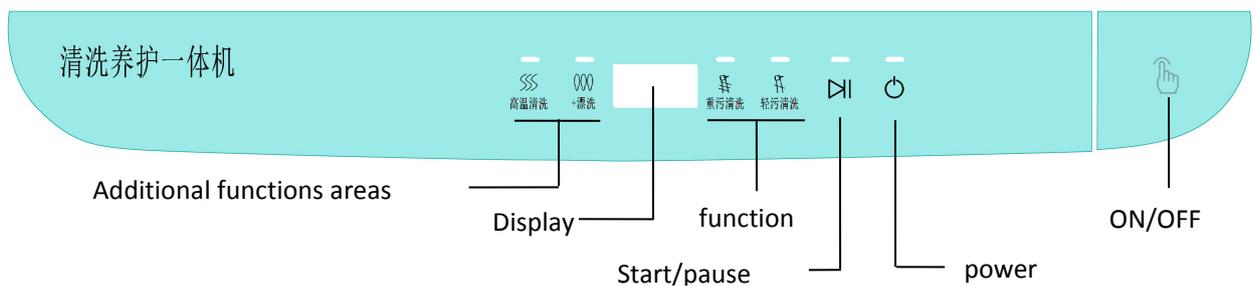
05 Introduction of the whole machine

Name of each part

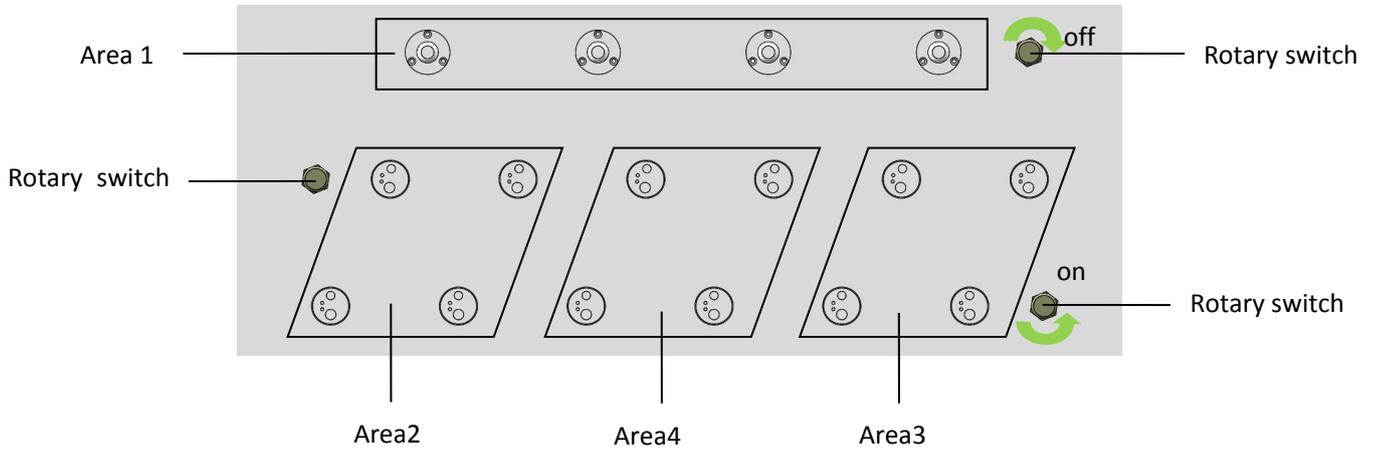


- Open the door by pressing the open button.
- Close the door and press on the middle of the bottom of the door until you hear the click

control panel



Working area



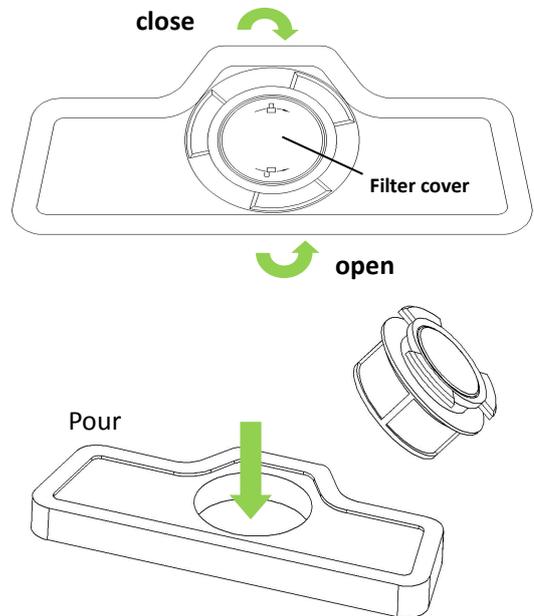
Up to 16 hand pieces can be placed in the work area, area 1 can be placed at most four low speed hand pieces, area 2, 3, 4, 12 high-speed hand pieces can be placed most rotary switch button control corresponding to the area of joint on and off, when the cleaning maintenance below 12 of the number of hand pieces, spare area can be closed by a corresponding rotary switch button, the area 4 is always on

06 Instructions

Detergent addition

Open the filter cover

As the shown add the detergent



Specifications

Warning: Before using the machine, need to connect power, open the front door, put the oil into the pump, and then press the red button on the pump box, at the same time observe the machine positive work area, until 12 position has drip out, then please stop pressing. This process requires the operation for the first time use.

1, Open the inlet valve, switch on the power supply and press the middle position of the bottom of the door body to close the machine door.

2, Press the power button, with the sound of beep, automatically selects the last cleaning procedure, and the screen displays the cleaning temperature and cleaning time alternately (the factory default procedure is hard washing).

3, Touch the corresponding icon to change the main program or add

additional functions

4, Press the start/stop button gently, and start running with the sound dripping. At this time, the start/stop button indicator light is on, and the display shows the remaining time of cleaning (the actual running time of the program is different due to water temperature pollution degree, etc.)

5, After the cleaning, the control board system enters the maintenance stage of the hand pieces automatically, about 20 minutes. The maintenance over, the machine is shut down automatically.

6, Unplug the power, close the water inlet valve, and remove the hand pieces after it cools.

Warning: When the program is running, start/pause for 0.5 seconds, stop the washing program, start/pause again, and continue to run; Long press to start/pause for 3 seconds, the machine will start draining and enter the standby interface at the same time. At this time, the washing program can be changed or additional functions can be selected. Long press the power button for 1 second during operation. The machine starts draining water. After draining, the nanny automatically shuts down

Do not open the door when the indicator light is red, because the operating temperature is higher in the machine. When the indicator light is off, open the door

Cleaning process

Program name	Degree of the fouling	Program working	Detergent	Washing time	Add-in program
Heavy pollution cleaning	Heavy pollution or old hand	Hot wash Rinse in cold	8.5L (Scale up)	97 (Min)	High temperature cleaning+

	pieces	water Rinse in hot water Oil curing			rinse
Light pollution cleaning	Hand pieces is generally contaminated or immediately cleaned	Hot wash Rinse in cold water Rinse in hot water Oil curing	5L (Scale up)	48 (Min)	High temperature cleaning+ rinse

After cleaning, it enters the maintenance, which takes about 20 minutes

Additional function

High temperat ure cleaning	Increase the washing temperature and extend the high temperature and continuous temperature to achieve a good cleaning effect. At this time, the power consumption will increase accordingly
Rinse	Add rinse procedure to achieve better wash effect

07 Troubleshooting

Solve the common troubleshooting

When the machine fails, you can refer to the fault analysis and troubleshooting in the product manual to help you deal with some common faults, If you cannot resolve the problem by yourself, please ask a professional for help

Malfunction	Possible cause	Solutions
Screen displaying “E1”	Inlet pipe bending	Check the inlet pipe. If it is bent, make it straight
	Not open the faucet	Open the faucet
	Inlet pipe clogged	Shut off power, turn off the faucet, unplug the inlet pipe, and clean the inlet pipe to make sure it doesn't clog
Screen displaying “E2”	Drain pipe bending	Check the drain pipe. If it is bent, make it straight
	Filters or drain pipe clogged	Shut off power, turn off the faucet, unplug the inlet pipe, and clean the Filters or drain pipe to make sure it doesn't clog
Screen displaying “E3” “E4” “E5” “E6” “E7” “E8” “E9”	Technical failures may occur	Shut down the power .Restart the machine after a few minutes. If happens again, turn off the faucet and pull out the plug and let a professional to repair it
Indicator Light-on	Door not closed in place	Check there is anything blocking the door. After removing, press the middle position of the door body to make sure the door body is closed in place
Indicator Light-on	Run out of the special salt	Please add to special salt
	The added salt has not yet fully dissolved	Please wait 1-2 days
	Not use the special salt	Please add to special salt
there is water under	Normal	—

the filter		
After washing, the innerwall is wet	Normal	After washing, water droplets inside the machine are normal physical effects, and the moisture in the air condenses on the inside of the machine, flows down and is expelled by the machine
Machine not work	The power is not plugged properly	Plug the power properly check whether the socket is normal
	The machine door was not closed in place	Press the middle of the door body to close the door body in place
Machine Settings could not be performed	The washing process is under way	At the end of the program to set
Stop or program interrupt during the washing	Power or water supply cut off	Check and water or electric supply

08 Maintenance

Maintenance

1. Make sure the power plug is unplugged before cleaning the parts.
2. In order the best washing effects , please clean the filter regularly.
3. Wipe the door and sealing regularly with a clean damp cloth .
4. The seal is pollution, p lease use a wet sponge or a clean damp rag to clean in time
5. Clean the spray arm regularly

Pull the spray arm upward to check if the jet hole is blocked. Insert a sharp object (such as a toothpick) into the jet hole to remove the dregs that block the jet hole and wash them under running water. After putting

the spray arm in place, press down hard. With the click of the spray arm, the spray arm is tightened. Rotate the spray arm to ensure the installation is in place

Transport

The cleaning and maintenance all-in-one machine can be transported by common means of transportation, but it should prevent the violent shock, vibration , rain and snow splash during transportation

Credit card

Dear sir/madam:

First of all, you are welcome to use our all-in-one cleaning and maintenance machine. We sincerely thank you for your trust.

In order to make this machine better serve you, and implement our after-sale service, please send this card back to the company's department when you first use this machine, so as to make it stand for file (this machine is guaranteed for one year from the date of sale)

Thank you.

Your Name: _____

The machine name: _____

Machine NO.: _____ Date: _____

Address: _____

Tel: _____ Fax: _____ postcode: _____