



WOSON Medical System

Technical Publications

WODO Series

Dental Delivery Unit Operation Manual

REV-A



Operation Documentation

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Regulatory Requirement

This product complies with regulatory requirements of the following European Directive 93/42/EEC concerning medical devices.

Revision History

REV	ISSUE DATE	REASON FOR CHANGE
Rev-A	2025-11-28	First issue

Please verify that you are using the latest revision of this document. Information pertaining to this document is maintained on manufactory. If you need to know the latest revision, please contact your distributor, sales representative, or our service department.



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Regulatory Requirements

Conformance Standards

The content of this instruction is fit for Dental Unit.

93/42/EEC	EN ISO 10993-1
EN ISO 7494-1	EN ISO 10993-5
EN ISO 7494-2	EN ISO 10993-10
EN 1640	EN 60601-1
EN 1639	EN 60601-1-1
ISO 9687	EN 60601-1-2
ISO 6875	EN 60601-1-4
ISO 9680	EN 60601-1-6
ISO 10637	EN 980
ISO 9168	EN 1041
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EN ISO 17664	

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This product complies with the regulatory requirement of the following:

Council Directive 93/42/EEC concerning medical devices:

The CE label affixed to the product testifies compliance to the Directive.

The location of the CE marking is shown in this manual.

Certifications

The manufactory has certified by EN ISO 9001 and EN ISO 13485.

Original Documentation

The original document is written in English.

Declaration of Conformity

Council Directive 93/42/EEC concerning medical devices:

The CE label affixed to the product testifies compliance to the Directive.

The location of the CE marking is shown in this manual. In this manual there are present the CE certification and the Conformity. Check appendixes.

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Chapter 1 Introduction

1.1 Attention

This operation manual contains the necessary information to operate the dental unit, this covers optimal usage, instructions for safe and reliable operation of the unit and information with regards to regular and correct servicing requirements. Read and understand all instructions in this manual before using the product.

Keep this manual with the unit at all times. Periodically review the operation procedures for operation and safety precautions.

1.2 Usage Indications

The chair-mounted dental unit is intended to properly position a patient to perform dental procedures. A dental operative unit is attached to supply power to and serve as a base for other dental devices, such as a dental handpiece, a dental operating light, an air or water syringe unit, and oral cavity evacuator, a suction unit, and other dental devices and accessories.

This dental unit can be used for dental clinic, laboratory, hospital and so on, by doctors and professionals for diagnosing, operating, examining.

1.3 Contraindication

There is no any contraindication of this equipment.

Chapter 2 Safety

2.1 Sign Explanation

Device Sign Description

	"ATTENTION" - Indicates the user to refer to the operation manual or other instructions when complete information cannot be provided on the label.
	"PROTECTIVE EARTH" - Indicates the protective earth (grounding) terminal.
	"PROTECTIVE EARTH" - Indicates the protective earth (grounding) terminal.

Label Description

	Symbol for "SERIAL NUMBER"		Symbol for "MANUFACTURER"
	Symbol for "CATALOGUE NUMBER"		Symbol for "AUTHORISED REPRESENTATIVE IN THE EUROPEAN COMMUNITY"
	Symbol for "DATE OF MANUFACTURE"		Symbol for "ATTENTION"

Operation Prompt

Note	Indicates that the provided information increases the ease of use or is helpful when operating the device.
Caution	Indicates that a potential hazard may exist, which through inappropriate conditions or operation, may cause: • Minor injury • Property damage • Damage to machine
Warning	Indicates that a specific hazard may exist, which through inappropriate conditions or operation, may cause: • Severe personal injury • Substantial property damage • Substantial damage to machine

NOTE PLEASE APPLY THE PRECAUTIONS OR RECOMMENDATIONS INDICATED IN THE OPERATION MANUAL.

2.2 General Safety Recommendations

The user is responsible for proper operation and maintenance of the unit in accordance with the instructions listed in this manual.

2.3 Safety Parts

Temperature Protection

Part Name	Function
Temperature Protector (Heating bottle)	Cut off current when the heating bottle temperature is too high.

Electricity Protection

Part Name	Function
Fuse (Power Impute)	Cut off current when the connected power is too high or unstable.
Fuse (X-ray Viewer)	Cut off current when the connected power is too high or unstable.

Control Part

Part Name	Function
Operation Panel	The main control panel of the dental unit
Foot switch	Controls the air and water supply
Foot control	The foot control button controls the movement of the dental chair
PCB Control	Control system for all the process of operation

CAUTION THE MANUFACTURER CAN NOT BE HELD RESPONSIBLE FOR ANY ARBITRARY DISASSEMBLY, OR AMENDMENT OFF WITH THE UNIT, BY AN UNAUTHORIZED PERSON OR AN UNPROFESSIONAL TECHNICIAN.

2.4 Operation Risk

Please pay attention to operation risk during operation.

Squeeze risk

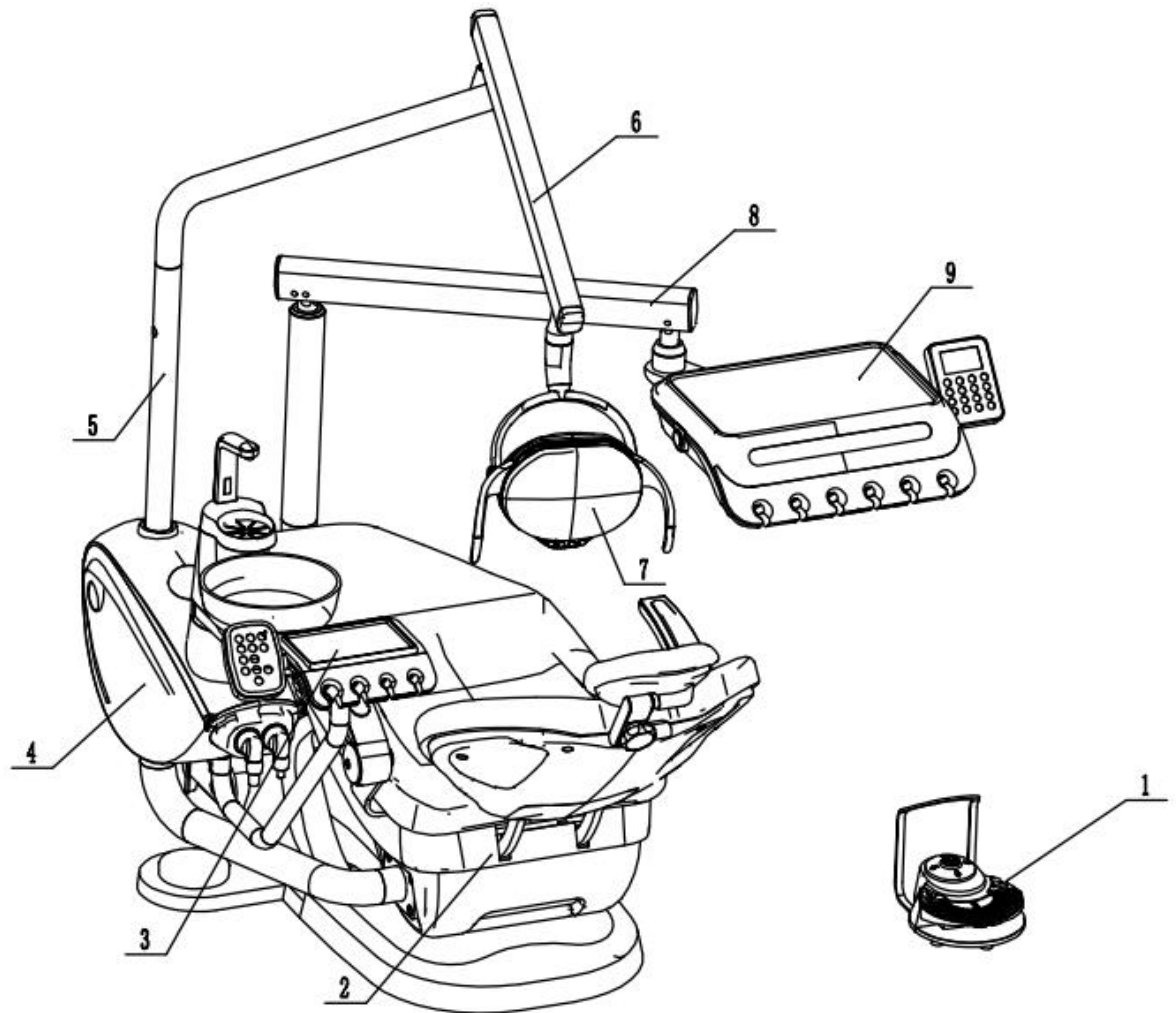
Please control the operating chair carefully when a patient is lying on it to avoid squeezing.

2.5 Protection Tool

Name	Function
Rubber glove	Take to avoid infection
Respirator	Take to avoid infection

Chapter 3 Description and Specification

3.1 Overview



1	Foot Control	6	Light Adjusting Arm
2	Dental Chair	7	Operation Light
3	Assistant Console	8	Balance Arm
4	Control Unit	9	Instrument Tray
5	Light Pole		

3.2 Specification

Basic Specification

Rated Voltage: A.C.220V±22V, 50Hz±1Hz

Rated Power: 1000W

Motor Voltage: DC 24V

Working Condition

Operation Temperature: 5~40℃

Relative Humidity: ≤80%

Air Resource: Output 550kPa~800kPa; Air volume should not less than 50 L/min.

Water Resource: Output 200kPa~400kPa; Water volume should not less than 10L/min.

Electronic Specification

Electronic Security Class: I Class

Electronic Defending Class: B Class

Running: interrupted load and continued device

Input Power: 1000VA

Application Device: high speed handpiece(driven by an external source), electric dental chair
(driven by DC motor)

Sign: No input signal, output signal

Non movable common device, splash-proof foot switch

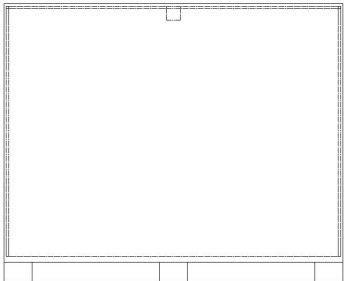
Fuse Information

Type	Qty	Position
RT1-20 φ5×20 6.3A	2	Power Resource

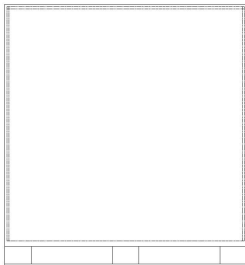
Chapter 4 Receiving and Pre-installation

4.1 Check the Package

Please check package carefully when you receive the product.



Front



Flank

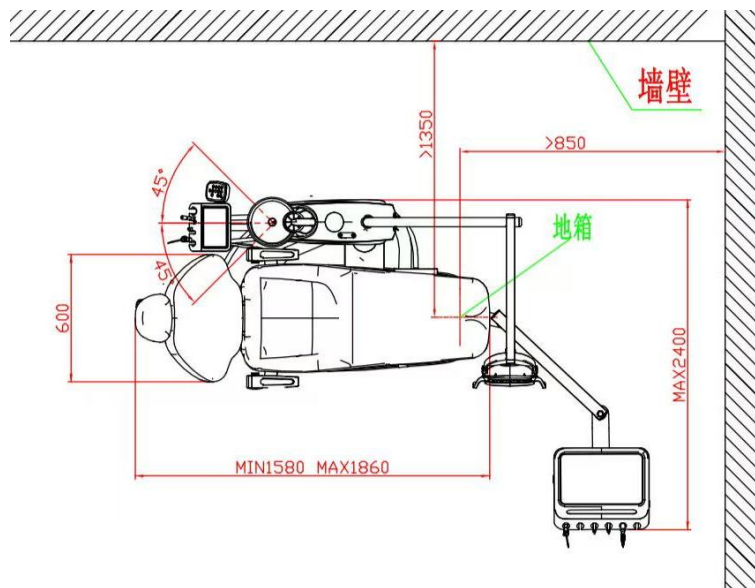


Item	Entire Package
Packing Size(mm)	1510×1140×1030
Gross Weight(kg)	220

CAUTION WHEN YOU REMOVE THE PACKAGE, PLEASE ENSURE THAT YOU DO NOT DAMAGE THE MACHINE INSIDE. WHEN CUTTING THE PLASTIC BAG, BE CAREFULL NOT TO CUT THE TUBES INSIDE.

4.2 Installation Environment

The machine should be set in a place as followed:



Pic 4-3 Overall Layout (Junction Box)

The temperature of environment: 5-40℃.

The humidity of environment: ≤80%.

Atmosphere pressure: 860Hpa~1060Hpa.

An earth connection is essential.

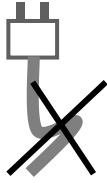
4.3 Before Setting

- ❖ Please ensure the place which has a separate and stable power source supply.
- ❖ Please ensure the place which has the sewage draining tube to connect.
- ❖ Please ensure the place which has the air source supply.
- ❖ Please ensure the place which has the water source supply.

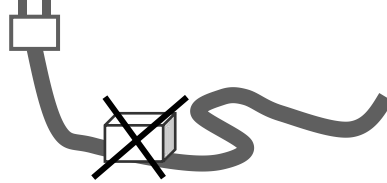
4.4 Power Connection

- ❖ The dental unit should be connected with a stable and separate power source.
- ❖ Power socket is at the back of the dental unit.
- ❖ Please confirm the connection power is complied with specification of nameplate at the back of dental unit.

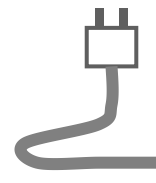
CAUTION DO NOT BEND THE POWER WIRE TO AVOID DAMAGE OF POWER WIRE.
DO NOT PUT ANY HEAVY STUFF ON THE POWER WIRE TO AVOID DAMAGE OF POWER WIRE.
DO NOT USE OTHER POWER WIRE TO AVOID DAMAGE OF DENTAL UNIT.
DO NOT TRY TO ADD THE POWER WIRE TO AVOID ACCIDENT AND RISK.



WRONG



WRONG



RIGHT

Chapter 5 Installation

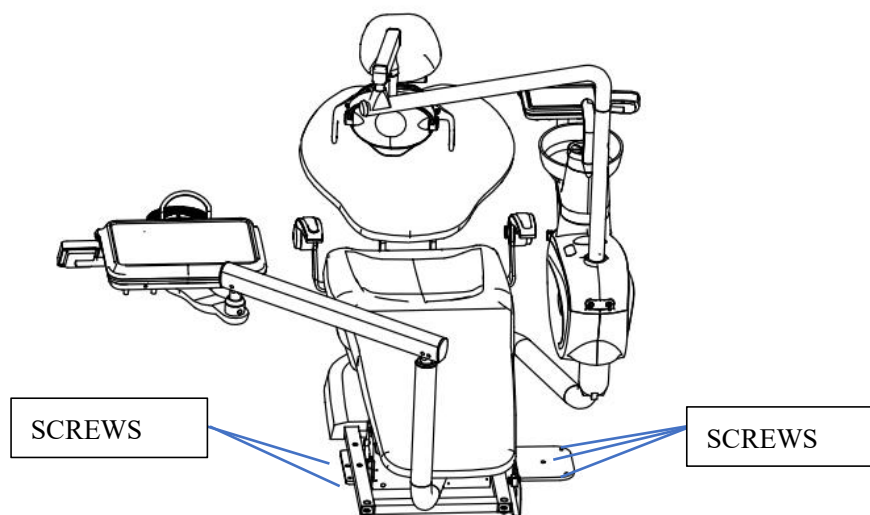
5.1 Preparation Before Installation

Before unpacking, please check the top, bottom and four sides of the box board in case collision damage and rain. Then open the box and make inventory of the parts and accessories according to the "Packing list" to check whether they are intact. If there is any doubt, please contact the distribution unit or inquire with the company immediately.

Attenti THE OPENING PROCESS OF THE OUTER PACKAGING SHOULD BE CARRIED OUT IN A STABLE AND ORDERLY MANNER TO AVOID POSSIBLE DAMAGE TO EQUIPMENT AND PERSONNEL.

5.2 Set Dental Unit

According to the overall size, as well as the overall layout of the treatment room, lighting, convenient use and other specific situations, determine the location of the dental chair of the unit. The floor where the dental unit is placed must be horizontal, solid and neat, because the design of this machine takes into account the stable performance of the whole machine in the situation of do not fix the screws. If the ground is not flat, it will affect the performance of use and even cause accidents. If the ground is not flat, adjust the bottom plate of the unit, adjust method (Figure A) to make the equipment in a stable state.

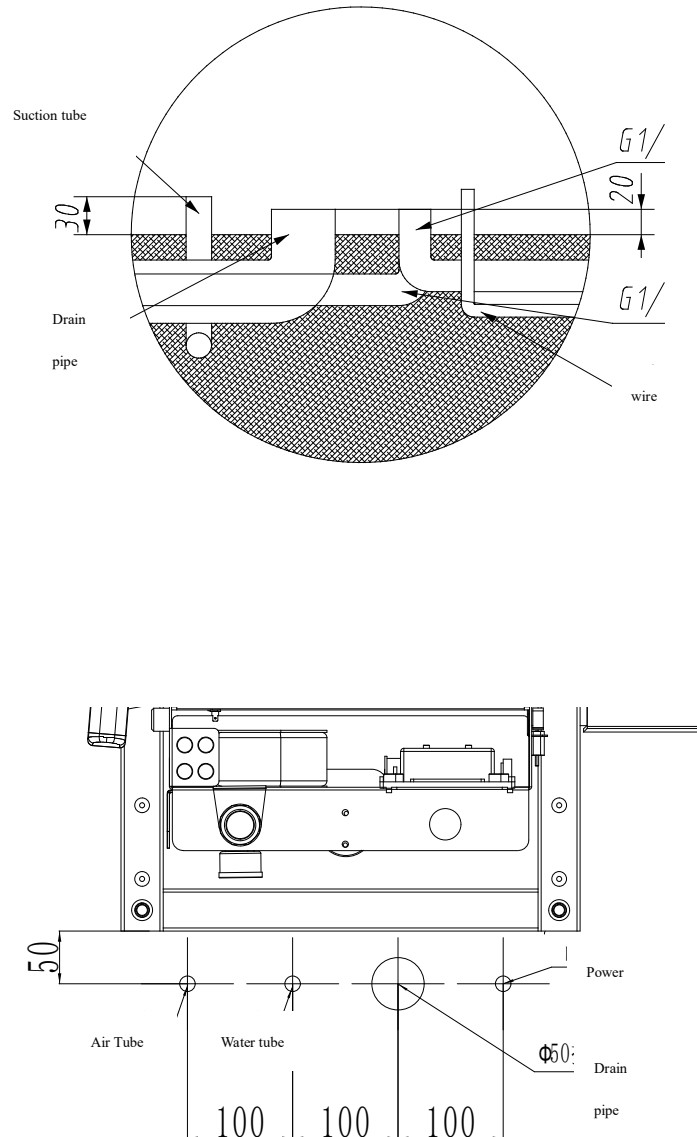


Adjust the tightening screws to make the unit stable and horizontal.

5.3 Pipeline Layout

After you determine the position of the equipment, you can start the arrangement of the

pipeline. Generally speaking, the current dental delivery unit usually adopts a groove-type installation method that can hide the pipeline. Depending on the location of the floor you are in, you can use the laying floor (pay attention to the sealing between the surrounding floors), prefabricated grooves, lower partition cloth pipes and other ways to erect pipes.



Name	Specification	Ground Clearance	Comment
Water Input Tube	$\phi 15\text{mm}(1/2")$ PPR Tube	30mm	Tube Port Thread G1/2"
Air Input Tube	$\phi 15\text{mm}(1/2")$ aluminum-plastic pipe Tube	30mm	Tube Port Thread G1/2"
Draining Tube	$\Phi 50\text{mm}(1 1/2")$ PPR Tube	50mm	
Electronic Wire Tube	$\Phi 15\text{mm}(1 1/2")$ PPR Tube	50mm	

The power wire should be 2mm² 3 wires with protecting bushing soft line, leave power wires more than 400mm.

5.4 Fix Dental Unit

The ground on which the equipment is placed must be solid, neat and the inclination must be less than 3°. (Uneven ground will affect the use of performance, and even cause accidents)
Before placing the equipment in the intended position, use a hose to discharge the water and gas in the water inlet (gas) pipe into the drain pipe in order to remove the dirt and impurities in the pipe.

HANDLE THE UNIT WITH FORCE ONLY AT THE BOTTOM OF THE UNIT.

CAUTION HOLD THE COUNTERBALANCE ARM TO AVOID ACCIDENTS. (NEVER USE FORCE ON THE COUNTERBALANCE ARM.)

5.5 Pipeline and Circuit Connection Gas, Water Pipeline Connection

The copper ball valve G1/2", straight-through connector and (Φ8×6) PU pipe, connect the inlet water (gas) pipe.

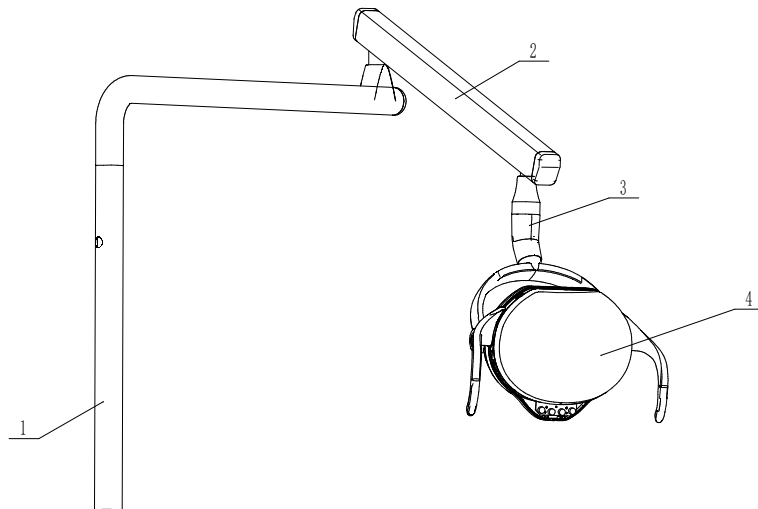
5.6 Specification of Junction Box

The minimum requirements for air, water and vacuum maintenance required for the normal operation of the dental treatment table:

Air	551 kilopascal (80 pounds/square inch)	70.80 liters/minute (2.50 cubic feet/minute at that time)
Water	276 kilopascal (40 pounds/square inch)	5.68 liters/minute (should be 1.50 gallons/minute)
Vacuum	339.84 liters/minute (12 cubic feet/minute)	27 kilopascal (i.e. 8 inches of mercury)

5.7 Installation of Cold Operation Light

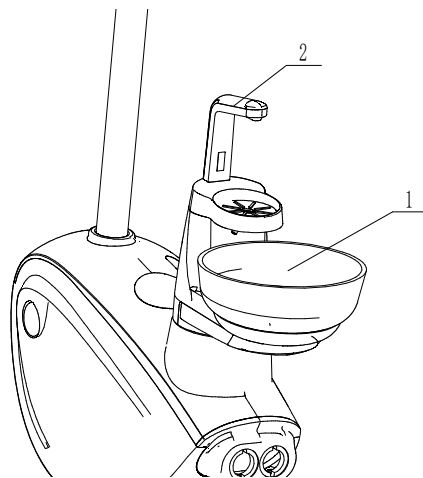
String the wires connected to the light arm into the lamppost first and then connect the two.
Connect the wire connector on the light arm with the connector located in the column at the treatment chassis, put it into the column, insert the lamppost into the column, and fix the column with a screw to install the lamp arm in place. Be careful not to damage the wire.
Remove the screw on the cold operation light, connect the wire connector on the lamp arm with the connector in the cold light oral lamp, (pay attention to the firm connection)
Insert the cold operation light into the light arm and fix it with screws.



1. Light pole 2. Light arm 3. Screw 4. Light head

5.8 Installation of Spittoon

First, install the glass spittoon on the seat and plug in the flushing tube. Cover the cup holder and insert the mouthwash tube;



1. Glass Spittoon 2. Mouthwash Tube

Chapter 6 Operation and Debugging of Treatment Chair

6.1. Power On/Off Button

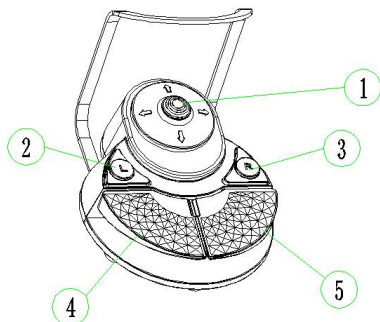
The power on/off button is located at the bottom of the treatment chair. With this function, you just need to press a button to turn on or off the entire treatment table.

6.2. How to Locate the Treatment Chair

Dental treatment chairs can be used by button operation, or use the foot pedal to control the arrows on the trackpad to manually control the chair back rise/fall (pitch) and the base rise/fall (lift) and other functions.

6.3. Pedal Controller

Introduction to the function of the pedal controller:



1. UP-rise DN-fall BD-back drop BU-back rise;
2. Spitton washing;
3. Mouth washing;
4. Control the handpiece driver;
5. Blowing scum alone(Press both pedal together to blow working air);

6.4. Program Button

Introduction to the function of the instrument tray program button:



	Seat rise		Seat down		Back rise
	Back down		First aid		Mouth Wash
	Operation light		Heating		Spittoon Wash

6.5 Operation

- During the operation of the chair and back, click any button (the button related to the back of the chair), and the system will automatically stop running.
- The machine and chair are interlocked, and the chair and back cannot work when it is turned on and off (when the handpiece is working)

6.6 Headrest

The headrest has adjustable performance, which helps the doctor to perform oral surgery smoothly and increases the patient's comfort.

6.7 Air and Water Filters

The filter may prevent solids from entering the dental treatment table.

6.8 Air Pressure Pre-Regulator

The pre-regulator can control the air pressure in the dental treatment table.

6.9 Adjustment of Air Pressure on the Dental Treatment Table

The air pressure pre-regulator is located in the junction box. Before any adjustment, it should be confirmed that the air compressor is turned on and the equipment is maintained at 551-689kPa (80-100 pounds/square inch) in the gas tank. If the compressor is not turned on, you should refer to the instructions about the compressor.

Attention: WHEN REDUCING THE AIR PRESSURE OR WATER PRESSURE OF THE DENTAL TREATMENT TABLE, YOU WILL NOT SEE ANY CHANGES IN THE BAROMETER IN THE JUNCTION TANK BEFORE THE PRESSURE OF THE DENTAL TREATMENT TABLE IS RELEASED. CHECK THE BAROMETER A FEW SECONDS AFTER STARTING THE IRRIGATION CATHETER. THIS PROCEDURE SHOULD BE REPEATED EVERY TIME THE DECOMPRESSION ADJUSTMENT IS CARRIED OUT.

Table 5 Steps to adjust air pressure and water pressure

Step	Corresponding operation
1	Open the manual shut-off valve completely (counterclockwise).
2	Start the dental treatment table and check the barometer in the junction box. The air pressure should be 483-551 KPa (70-80 pounds/square inch).
3	To check the barometer at the same time, start the irrigation duct. If the air pressure of the dental treatment table drops to more than 103 KPa (15 pounds/square inch), then the filter should be blocked.
4	If the air pressure must be adjusted, the pre-regulator knob should be rotated clockwise to increase the air pressure; or the pre-regulator knob should be rotated counterclockwise to reduce the air pressure.
5	The air pressure reducing valve is for the water bottle, and the air pressure should be 200 KPa

6.10 Self-Flow Drainage Outlet and Exhaust Outlet

The self-flow drainage outlet is connected to the indoor wastewater discharge system and is used to treat wastewater and residue discharged from the dental treatment table.

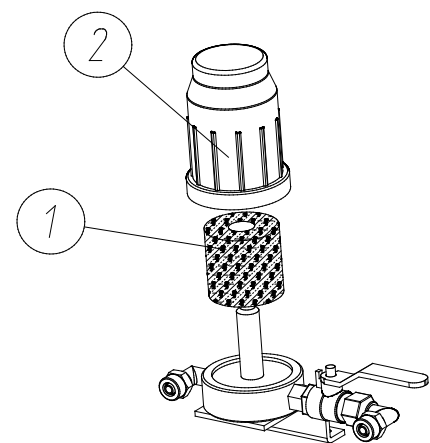
If the dental treatment table is equipped with a spittoon, a hose protruding from the spittoon will be connected to the outlet of self-flow drainage.

6.11 Filter Maintenance

The water flow will flow through the respective filters. When the filter is seriously blocked, resulting in the limited flow of water leading to the regulator, the filter must be replaced.

6.12 How to Check the Blocked Water Filter

If the water flow is not smooth when using the flushing



function of the spittoon, you should check whether the water filter has been blocked.

6.13 Check the Filter

To check or replace the filter assembly, you should put the ball raft change to the closed position, and then. Revolve filter cover, take out the filter element to rinse or replace it. When installing a new filter, you should pay attention to the water inlet of the filter.

ATTENTION: IF THE FILTER IS NOT INSTALLED PROPERLY, THE DENTAL TREATMENT TABLE WILL NOT WORK PROPERLY.

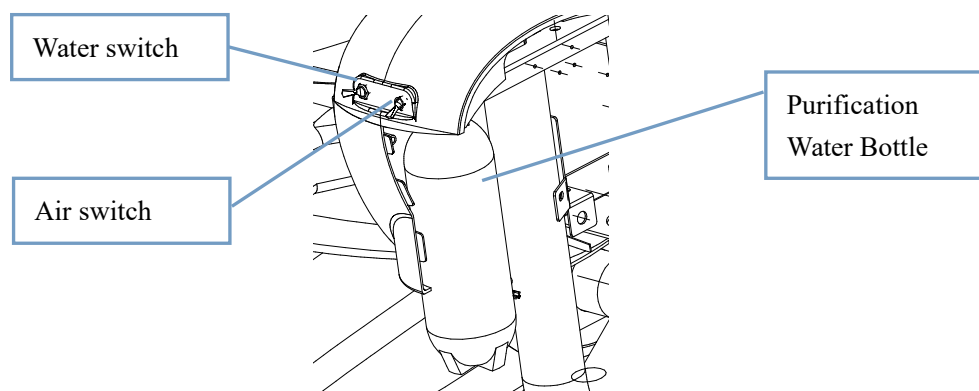
6.14 Water Supply for Flushing, Rinsing and Gargling

Knob-type switch operation, manual control of the flushing spittoon and mouthwash switch, manual shut-off after a predetermined amount of water is reached;

6.15 Water Purification System

This machine is equipped with a water purification system. The water of the handpiece and all other instruments on the instrument tray can be used, which comes from the water purification bottle. When using the water in the purification bottle, clean water or medical distilled water must be added to the water purification bottle in time. When the water in the water purification bottle is used up, purified water or medical distilled water must be injected into the water purification water bottle. The specific method of adding water:

- a. Shut down gas switching switch;
- b. After turning off the water source switch, gently pinch the bottle with your hand, and turn it out after the bottle becomes soft;
- c. After the water is full, tighten the water bottle counterclockwise and open two switches to put into use.



6.16 Installation and Use of Handpiece

Align the four holes in the connector core at the corresponding takeover on the handpiece. Gently screw the connector sleeve into the handset screw port and tighten it moderately so that it does not leak.

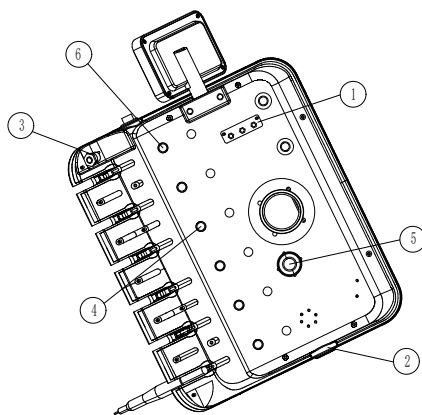
Attention: IT IS STRICTLY FORBIDDEN TO START THE HANDPIECE WITHOUT IDLE OR OVERVOLTAGE.

Pick up the turbine phone on the shelf, step down the working pedal, and the turbine phone rotates to work. This set of equipment adopts a four-hole handpiece, so it has the functions of blowing and returning gas. If you want to use the chip blowing gas alone, you can step on the chip blowing gas switch. Step to open, leave to close. If you turn on the no-water switch, the handpiece will be working without water.

6.17 Air and Water Pressure Adjustment of Handpiece

In front of the back of the instrument tray, there are gas and water regulating valves to regulate the driving gas, cooling gas and cooling water of the handpiece. If the air and water pressure of the handpiece needs to be adjusted, it can be adjusted.

Corresponding gas and water regulating valves. The clockwise rotation is to lower the pressure and increase the counterclockwise. Please pay attention to the careful and slow adjustment when adjusting.



- 1 Diaphragm valve (regulating driving gas)
- 2 Pressure gauge
- 3 Handle (air brake switch)
- 4 Water regulating valve
- 5 Return gas cylinder
- 6 Air regulating valve (atomizing gas)

6.18 Installation and Use of Three-Use Guns

Press down the convex ring, and then insert it into the nozzle. If the convex ring is reset, the nozzle will be stuck.

Press separately  breathe out, press  to release water, and press the spray button at the same time to check whether the spraying water, gas and mist are appropriate.



Chapter 7 Cleaning and Disinfection

It must be operated in accordance with the *Technical Operation Specification for Disinfection of Oral Diagnostic Instruments of Medical Devices*.

After a period of use, the equipment should be cleaned and disinfected regularly.

7.1Dental chair:

The surface of the dental chair of this equipment has taken into account the need for cleaning and disinfection, and adopts plastic and seamless cushion splicing technology. It can be cleaned and disinfected with leather cleaners and medical alcohol. Please do not use strong oxidizing agents.

7.2Saliva sucker:

If you use the saliva sucker, you should fill the container with 2-3 liters of water before the end of the day's work, and put the saliva sucker in the container water to eliminate the residue in the pipe.

7.3Handpiece:

Please refer to the instruction manual equipped with the handpiece. Use steam sterilizer (setting conditions: 121°C High temperature, at a pressure of 0.1MPa, for more than 30 minutes) for disinfection and sterilization.

7.4Other metal instruments

Such as three-use gun tube, flushing tube, rinsing tube, strong suck, etc. should also carry out necessary disinfection and sterilization after removing non-metallic parts (the method can use the disinfection and sterilization method of handpieces).

Chapter 8 Repair and Maintenance

8.1 Daily maintenance

Maintenance Requirements	Responsible Person
Daily	
Clean the dental chair instrument tray	User
Clean the surface of the dental chair	User
Strong and weak suction filter	User
A week	
More than 500ml Of Air-Absorbing Water, Cleaning Pipes	User
Check the water accumulation in the filter pressure reducing valve	User
One month	
Clean the dental chair cushions	User
Clean the filter	User
Clean up the water accumulated in the filter pressure reducing valve; According to the amount of use, the air compressor releases water 1-4 times.	User
One year	
Performance inspection and maintenance; Comprehensively check the aging of electricity wires and pipelines	Qualified maintenance personnel
According to the demand	
Replace the filter	User
Clean the pipeline	User

8.2 Filter Cleaning:

The waterways, gas routes and pipelines in strong suction and weak suction in this machine are equipped with relevant filters (nets). Please clean and maintain regularly according to the requirements of use to prevent blockage from affecting the performance and service life of the whole machine.

Solutions for Common Failures

No.	Failure	Causes of failure	Solution
1	During frequent use, the dental chair suddenly does not work, but the control	Motor overheating protection, stop working	After half a day's rest, it can return to normal work.

No.	Failure	Causes of failure	Solution
	system is normal.		
2	The handpiece can not spray water.	The water spray hole of the handpiece is blocked. The water switch of the foot control gas switch is not turned on. The handpiece water regulating valve is not open.	Dredge the water spray hole of the handpiece. Turn the water switch of the foot controller to the right. Turn on the water control valve of the handpiece and adjust it to the appropriate water outlet.
3	The handpiece is weak or does not turn.	The air pressure of the handpiece is too low. The handpiece bearing is damaged. The needle is worn or not clamped. There is a blockage in the handpiece pipe. There is air leakage in the trachea of the handpiece.	Adjust the working air pressure of the handpiece, please refer to the manual for details. Replace the handpiece bearing. Clamp the needle after replacing the new car needle. Remove the bearing assembly and dredge the handpiece pipe. Replace the handpiece case
4	Leakage at the button of the three-use gun	The O-ring is worn and aging.	Replace the O-ring and lubricate it with silicone grease.
5	The fog of the third-use gun is not good.	Three use gun water and air to reverse. The water of three gun is too big or the gas is too small.	Just replace the water and trachea of the three-use gun. Adjust the size of the three-use gun water and gas.
6	The treatment machine has no reaction.	The power plug is not plugged in or has poor contact. The power supply fuse is melted. The floor box transformer is damaged. The power switch is damaged.	Replace the power plug or power socket. Find out the cause of the melt first and then replace the power supply fuse. Replace the junction box transformer. Replace the power switch.
7	There is no water in the treatment machine.	Blockage of water filter The water pipe is depressed.	Clean the coarse filter element Eliminate the shret
8	There is water rushing out of the air.	The handpiece connector is not tightened. The filter pressure reducing valve is full of water.	Tighten the handpiece connector Discharge the aggregated water in the filter pressure reducing valve.
9	The operation light is not on.	The operation light bulb is damaged. The connection cable of the operation lamp is in poor contact. Poor contact with the switch of the operation lamp. The contact of the lead line of the junction box transformer is poor.	Replace the new light bulb. Find the faulty connection. Replace the operation lamp switch. Reconnect the duct cable of the box transformer or replace the box transformer.
10	There is no movement in the chair position and the sound prompts are normal, and the rest of the buttons work normally.	Poor contact of the relay or damage to the coil. The motor is damaged or the connection line is broken.	Clean the relay contacts or replace the new relay. Find the circuit break to reconnect or replace the motor.

Chapter 9 Precautions

9.1. Basic Notes:

- ❖ In the process of operating the dental unit, make sure to operate within the itinerary, there shall be no contactable items.
- ❖ Remove the stagnant water in the filter pressure reducing valve in time.
- ❖ Clean or replace the water filter core in time.
- ❖ Weak suction filtration must be cleaned once a month.
- ❖ When directly controlling the lifting and lowering of the dental unit, the button must be continuously controlled until the desired position.
- ❖ After adjusting the position of the head frame, it must be confirmed that the head frame is locked before it can be used.
- ❖ When replacing electrical components, the power supply must be cut off.
- ❖ When maintaining and cleaning the machine, the power supply must also be cut off first.
- ❖ Related to wastewater and waste discharge must meet the local environmental protection requirements.
- ❖ The maintenance of this model must be carried out by the professional maintenance personnel authorized by the company. Private disassembly and maintenance may cause fatal harm to the machine, and it will no longer enjoy the right to the warranty service provided by the company.
- ❖ Before operating this treatment equipment, please read this manual carefully and work strictly in accordance with the requirements of the manual by a trained professional (stomatologist).
- ❖ The service life of this treatment equipment is 15 years.
- ❖ Be sure to cut off the power supply first during maintenance.
- ❖ When the room temperature is below 0 degrees Celsius, the water inlet switch must be turned off when the equipment stops working to drain the accumulated water in the pipe to prevent icing from damaging the equipment.

8.3 Safety Precautions:

- ❖ Use an independent three-hole power socket with protective grounding, and confirm that the protective grounding terminal is reliably connected.
- ❖ Please plug the power plug of the treatment equipment into the power socket. Please do not use a power supply other than the specified voltage.

- ❖ Do not plug in and unplug the power cord with wet hands.
- ❖ Do not damage, modify, pull, overly bend or twist the power cord, and do not put heavy objects on the power cord.
- ❖ Please do not place other objects on the treatment equipment
- ❖ If during your use, you notice a strange odor or abnormal noise from the treatment device, please disconnect the power supply immediately and then contact your local dealer or our after-sales service department.
- ❖ If the treatment equipment is not used for a long time for various reasons, the power supply should be disconnected.
- ❖ During use, it is strictly forbidden to open the device chassis.

Attention: PLEASE READ THE SAFETY WARNINGS AND PRECAUTIONS PROVIDED IN THIS MANUAL CAREFULLY TO ENSURE THAT YOU USE THE TREATMENT EQUIPMENT SAFELY.

Warning: IF YOU IGNORE THESE SAFETY PRECAUTIONS, IT MAY CAUSE ELECTRIC SHOCK/FIRE OR DAMAGE TO THE TREATMENT EQUIPMENT.

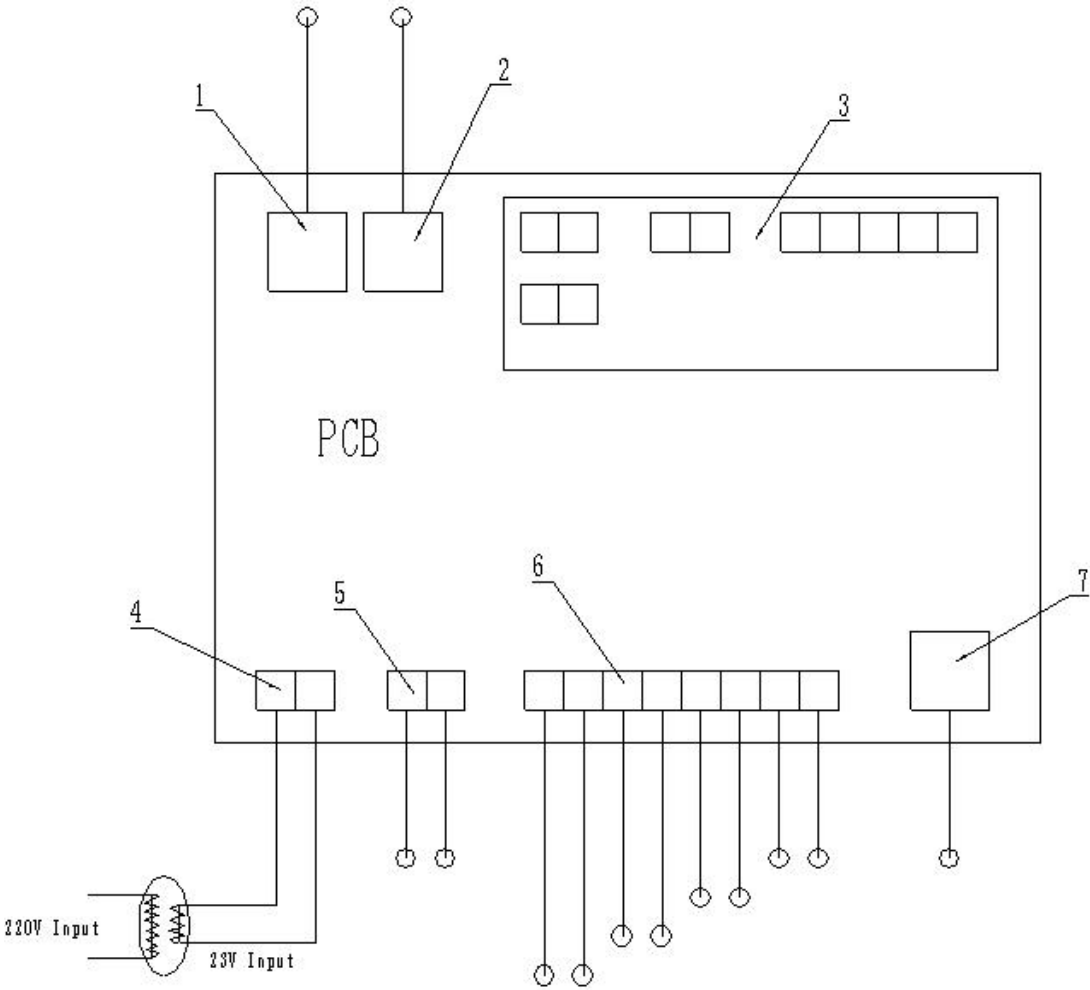
Transportation and storage

- ❖ When carrying the dental treatment table installed on the treatment chair, please make sure that the base of the treatment chair is lowered to the lowest position and the back of the treatment chair is completely up.
- ❖ Fix the main body of the treatment chair to the base of the treatment chair, when lifting the treatment chair, do not grasp the main body of the treatment chair.
- ❖ Position the dental treatment table on the seat pad, and place the lighting in the middle above the treatment chair.
- ❖ The dental treatment table and lights are fixed to prevent them from moving. Move the whole equipment to the carrying vehicle, the original treatment chair transport stop pin should be re-nailed to increase stability.
- ❖ Impact, violent vibration and moisture should be prevented during transportation. The transportation requirements are in accordance with the order contract.
- ❖ Transportation and storage conditions: The packaged treatment equipment should be stored in a room with a relative humidity of no more than 93%, no corrosive gases and well-ventilated.

Chapter 10 After-Sales Service Commitment

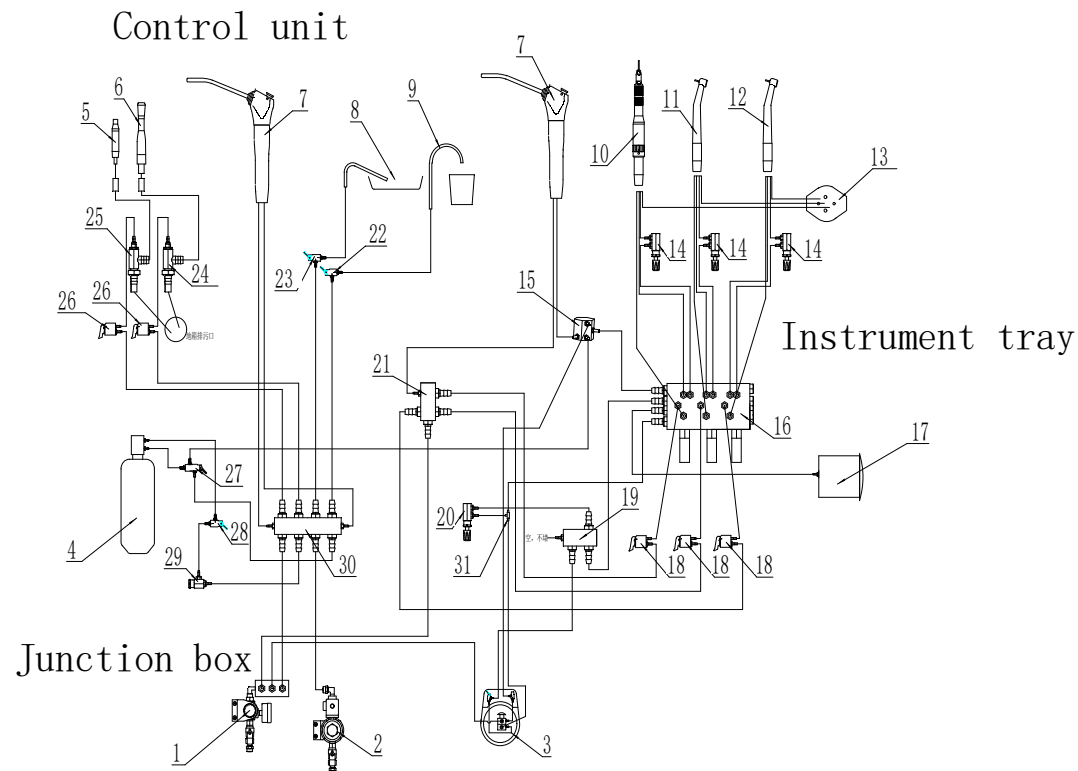
- ❖ The company implements three guarantees and quality tracking for the products sold.
- ❖ After the treatment equipment is packaged, under the condition of complying with the rules of storage and use, if it cannot work normally within two years from the date of leaving the factory, the manufacturer shall repair or replace parts (except for consumable parts) or products for the user free of charge.
- ❖ Lifetime maintenance will be carried out on the products sold outside the three-warranty period, and preferential fees will be charged according to the specific situation.
- ❖ The user shall be responsible for the damage caused by the user's own disassembly of the product without the consent of the company.
- ❖ The service life of this treatment equipment is 15 years.

Appendix I: Electric Diagram



1	Upper motor	2	Lower motor	3	Multi-function foot	4	23V Input
5	Led lamp	6	Seat limit (Upper seat limit, Lower seat limit, Upper back limit, Lower back limit)	7	Main control		

Appendix II: Pipeline Diagram



1	Air Filter Pressure Reducing Valve	2	Water filter	3	Foot switch	4	Water purification bottle
5	Weak suction handle	6	Strong suction handle	7	Three-use gun	8	Flushing tube
9	Mouthwash tube	10	Slow speed handpiece	11	High speed handpiece	12	High speed handpiece
13	Return cylinder	14	Throttle valve	15	Hexagonal pressure valve	16	Triple diaphragm valve
17	Pressure gauges	18	Shelf valve	19	Air vents	20	Throttle valve
21	Air distributing valve	22	Mouthwash on/off valve	23	Spittoon flush on/off valve	24	Strong suction generator
25	Weak suction generator	26	Strong suction and weak suction shelf valve	27	Water source switching valve	28	Water purification bottle air switch valve
29	Simple regulator	30	Water and gas split valve	31	6.2-6.2-3.2 Three-way		