

# Installation Manual/user's manual for mobile cart

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# 1 Compositions

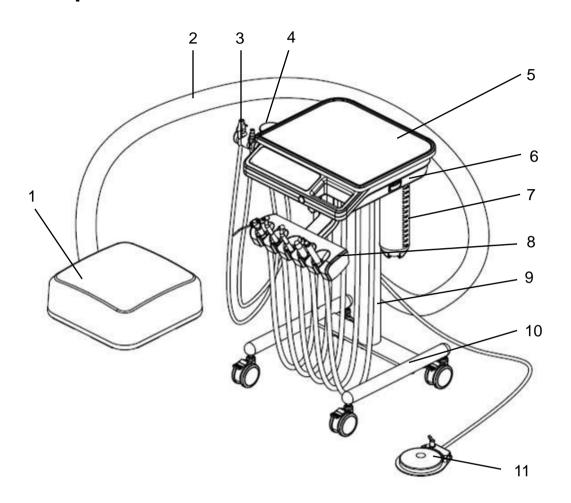
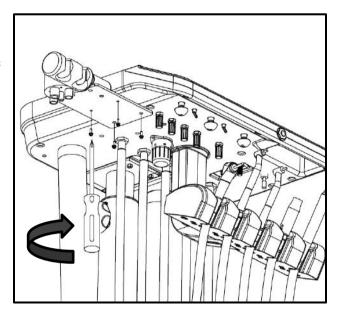


Table 1

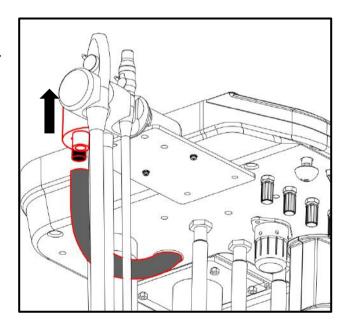
Item	name	Item	name
1	Junction box	7	water bottle
2	Corrugated pipe	8	Rack
3	Stong/weak suction holder	9	support pole
4	Filter cup	10	Foot stool
5	Dentist upper cover	11	Foot control
6	Dentist table		

## 2 Install the mobile cart

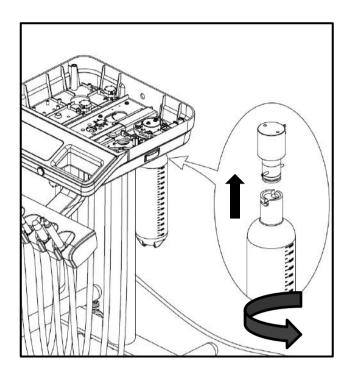
 Install the holding bracket of sunction to the delvery head with 4 pcs Philips head stainless screw of M5\*10.And put the suction handle to the hanger.



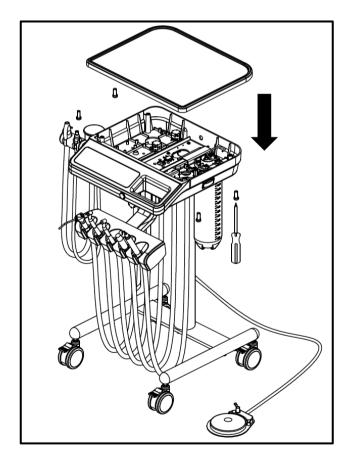
Connect the drain-tube to the filter cup;



3. Put the water unit onto the dentist table;



4. Fixed the dentist upper cover with four M4\*8 cross head stainless steel screws;



#### 3 Install floor box

Figure 32 Connection principle of ground box tube.

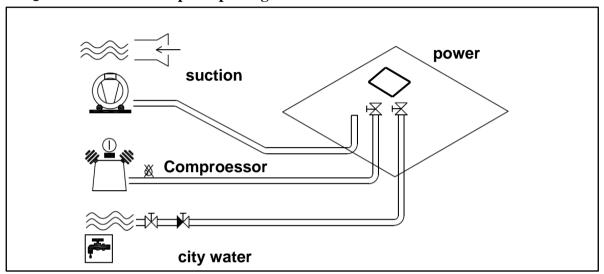
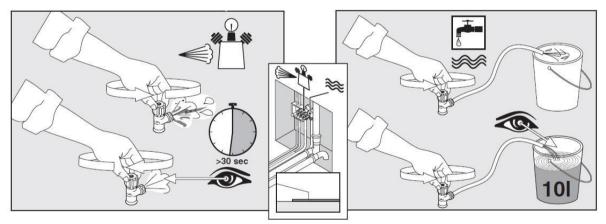


Figure 33 clean tubes

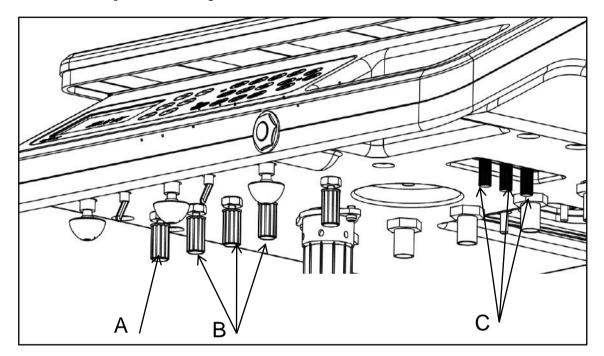


The tubes & wires are in the tubing zone or inside the outer floor box, their places are depended on your chair configurations.

- 1. Open the valves to exhaust water and air, clean the tubes before connecting.
- 2. Open the cover of the floor box, connect the air-in, water-in and water-out.
- 3. Take out the Power box of dental light ,connect the power cord to the power box, and plug into the socket.
- 4. Close the cover after making sure they are well-performed.

## 4 Adjustment

## 4.1 handpiece adjustment



- A. Atmozation adjustment
- B, water adjustment
- C. Handpiece working air adjustment

#### **Water Coolant Flow**

The system includes Water Coolant flow control for each handpiece. Use the adjustment key to complete the adjustments:

- 1. Lift the handpiece from the holder or pull the whip forward.
- 2. Locate the coolant water flow controls.
- 3. Turn the Water Coolant on (flip the wet/dry toggle toward right side on the foot control).
- 4. Press the foot control to activate the handpiece.
- 5. Adjust the Water Coolant flow by turning the adjustment key clockwise to decrease flow and counterclockwise to increase flow.

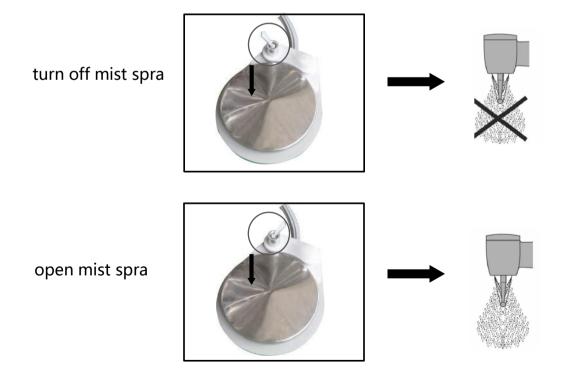
#### **Air Coolant Flow**

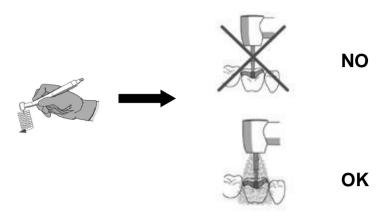
The air coolant flow control adjusts the air cool ant flow to all handpieces.

Use the adjustment key to complete the adjustment. To adjust the air coolant:

- 1. Lift the handpiece from the holder.
- 2. Locate the air coolant control.
- 3. Press the foot control to activate the handpiece.
- 4. Adjust the air coolant flow by turning the ad justment key clockwise to decrease flow and counterclockwise to increase flow.

## **Handpiece Adjustment**



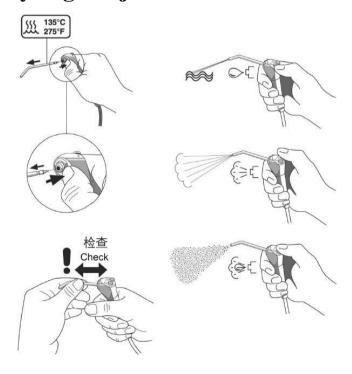


#### Note:

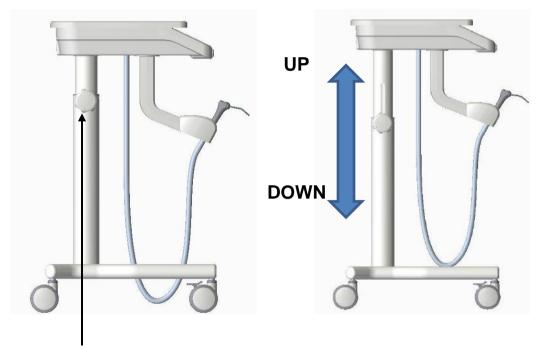
Adjust the drive air pressure to meet the handpiece manufacturer's drive air pressure specification.

Refer to your handpiece documentation for the drive air pressure specification.

## 4.2 3-ways syringe Adjustment



## 4.3 Height adjustment



Loose or tight the button to adjust the height of dentist table;

# 5 Cleaning and disinfection

#### **5.1** Clean dirty collector

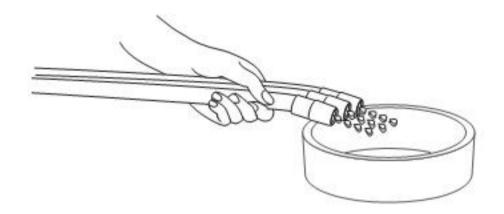
keep weekly maintenance. Increase maintenance times with frequent use; ways for maintenance as below:

- 1. Unscrew the dirty collector counterclockwise and remove it;
- 2. Discard used cotton.
- 3. Put some cotton into dirty collector;
- 4. Tighten the dirty collector clockwise.



#### **5.2** Handpiece Tubing Clean and Care

- Flush Tubing's Independently or together
- Use the handpiece tubing flush system to move more water through the tubing's in lesstime than using the foot control. After each patient:
- 1. Disconnect the handpieces before flushing the tubings.
- 2. Gather handpiece tubings that use Water Coolant and hold them over a sink, cuspidor bowl, or basin.
- 3. Hold the tubings so that the water is directed away from you and into the receptacle (see the Figure 38.)
- 4. It last for 20~30s



Notice Discharge all tubing air and water lines for 20–30 seconds between each patient.

#### **5.3** Clean the Strong and Weak Suction

Suction cleaning suggestion:

- Suck 2 cups of water in every two hours during working time;
- Suck 1 liter water after daily working.

We reserve the right to make any alterations which may be due to technical improvements.





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