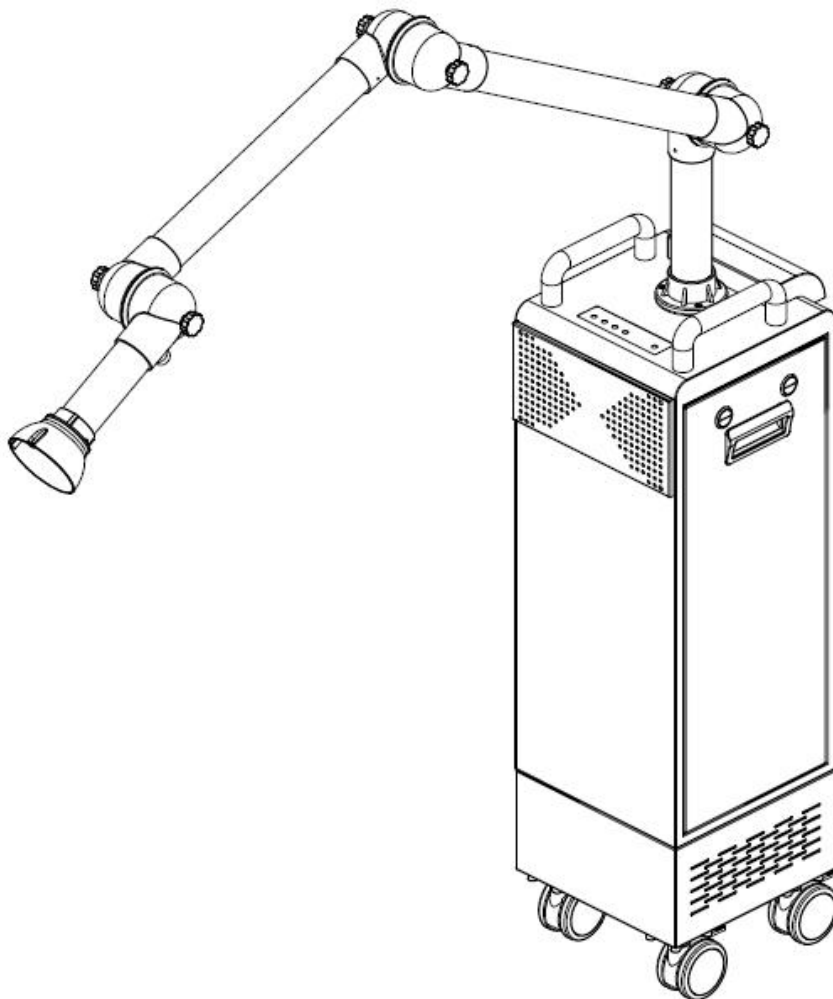




<http://www.adsequip.com/>

EOS Extraoral Dental Suction System

Instructions For Use and Installation



Disclaimer

Thank you for purchasing ADS products. The contents mentioned in this article are related to your safety, legal rights and responsibilities. ADS holds the final explanation right of this manual and other documents related to this product. Product reform is our consistent purpose and ambition. Product design, technical specification and product related documents are subject to update without prior notice. Please visit www.adsequip.com for the latest product information.

Once you use the product, it is deemed that you have read this disclaimer and warning carefully, and understood, recognized and accepted all terms and contents of the statement. You promise to take full responsibility for the use of the product and any possible consequences, use the product only for legitimate purpose, and agree to these terms and any regulations, policies and guidelines established by ADS. All personal injuries, accidents, property damage, legal disputes and other adverse events resulting in interest conflict caused by user's violations of safety instructions or force majeure factors, shall be born by the user himself/herself, and ADS shall not take any responsibility.

Except as stated in the after-sales service policy, the product and all materials and contents related with the product are provided "as things stand" without any express or implied warranty and condition.

ADS EOS Extraoral dental suction system, as a suction filtration equipment, the product does not have air disinfection function, it is NOT an air sterilizer. The EOS Extraoral suction system is designed to suck aerosols and droplets come out of the patient's cavity so as to reduce the risk of being infected, dental professionals still need to protect themselves by wearing proper PPE.

The product is not suitable for people under the age of 18 and other people without full civil capacity. Please avoid the above-mentioned people from touching the product, and please pay special attention to the operation when the above-mentioned person is present.

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1 Product Introduction

The instructions contained in this manual should be thoroughly read and understood before operating the equipment. After the installation is completed, keep this manual in a safe place for future reference.

1. Intended Use of the Product

This product is intended for the use for removing aerosols, droplets, dust and pathogens produced during dental procedures to ensure a safe and clean surgery environment.

2. Product Standard Lifetime: 10 Years

2 Safety Precautions



WARNING

- Do not use this product to take in any substances other than aerosols, droplets, dust and pathogens during dental procedures.
- Do not use this product to take in water, organic solvent, Titanium powder or any solvent that are combustible. This could lead to safety accidents.
- Do not use this product to take in dirt, sand, rubbish, etc.
- Do not place this product anywhere near vessels containing liquid, especially hot liquid, during use.
- Keep the power lines away from sharp objects to avoid scratching.
- Do not block suction outlets or exhaust outlets during use.
- Be sure to clean or replace the filter when blocked.
- The equipment should only be repaired by qualified technicians. Electric parts should only be installed by qualified technicians.
- Stop use immediately and contact us when the product is damaged or operates abnormally.



CAUTION

ADS will not be responsible when equipment damage or failure is caused by below issues.

- The product is not installed, modified, or maintained by ADS designated operator.
- The product damage or failure is caused by products purchased from other companies than ADS and ADS authorized dealers.
- The product is installed, modified, or maintained using parts that are not authorized by ADS.
- Failure to observe the safety precautions and operation methods in the user instructions.
- The environmental environment do not fit for the descriptions in the user instructions. For example, the product damage or failure is caused by power source or unfit installation environment.
- Fire or other nature disasters (earthquake, flood, thunder-strike, etc)

Use this product with extreme caution on patients with a cardiac pacemaker or cardioverter defibrillator. In the case of any abnormalities in patients during use, immediately turn off this product and discontinue use. (The electromagnetic wave from the product may cause cardiac pacemaker or cardioverter defibrillator malfunctions.)

To avoid danger, be sure to pay attention to below matters.

1)The product should ONLY be operated or handled by qualified dentists or by dental staffs under the supervision of the dentist.

2) Strictly follow below installation instructions.

- ① Install in a dry place with no exposure to water.
- ② Installation environment should be free from possible hazard caused by pressure, temperature, humidity, ventilation, sunlight, dust, salt, sulphur-containing air, etc.
- ③ Keep the equipment in a stable and balanced state. Avoid tilt, vibration or collision (even during transportation).
- ④ Never install the product anywhere exposed to chemicals or near chemical storage area.
- ⑤ Be sure to connect to an appropriate power source. Pay attention to voltage and current.
- ⑥ Be sure to establish a proper grounding connection.

3) Before use

- ① Make sure the grounding connection is properly established.
- ② Make sure the electric wires are complete and properly connected.

4) During use

- ① Avoid continuous running of the equipment. The product is designed to be used on a per patient basis.
- ② Continuously monitor equipment and patient for any abnormalities.
- ③ Discontinue use of the product immediately in case of any abnormalities arise in equipment or patient during use.
- ④ Patients should not be allowed to operate or handle the product.

5) After use

- ① Cut off the main power in the following order: press the start button, turn off the power switch, and plug out.
- ② To plug out properly, avoid plugging out by dragging or pulling the electric wire.

6) Environment requirements

- ① The product should not be exposed to water.
- ② The product should be free from possible hazards caused by pressure, temperature, humidity, ventilation, sunlight, dust, salt, sulphur-containing air, etc.
- ③ Avoid tilting, vibration or collision in any situation, including during transport process.
- ④ Never expose the product to chemicals or place the product near chemical storage area.
- ⑤ Clean the equipment on a per operation basis.

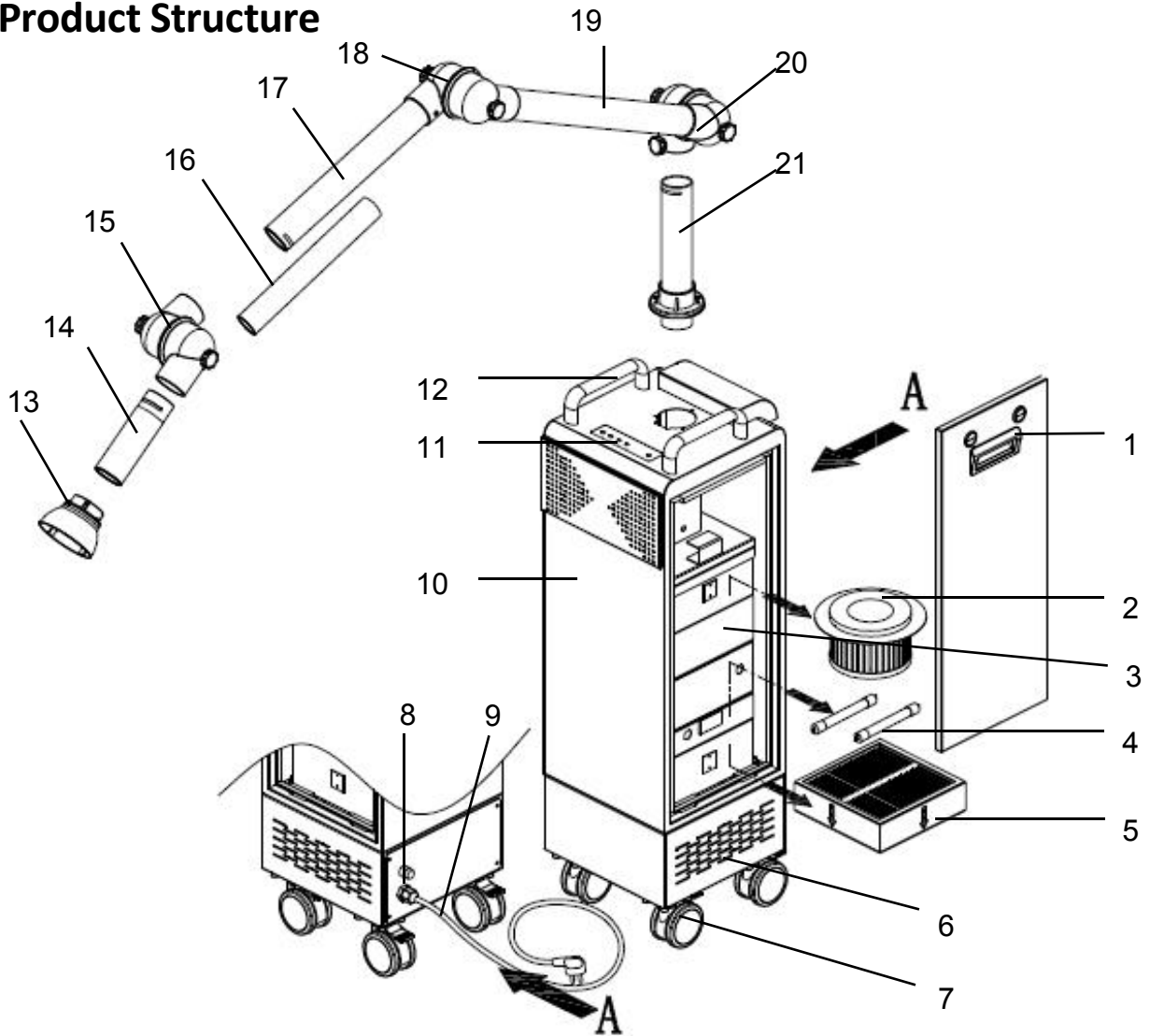
7) In case of the troubles, please contact ADS or ADS authorized dealers and technicians. Do not disassemble or attempt to repair.

8) Attempts at modifications are strictly forbidden.

9) In case of below situations, turn off the equipment circuit breaker and plug out.

- ① Before each filter replacement, equipment cleaning, maintaining, or repairing.
- ② When any abnormalities arise, such as heat and noise.
- ③ When this product will not be used for a long period of time.

3 Product Structure

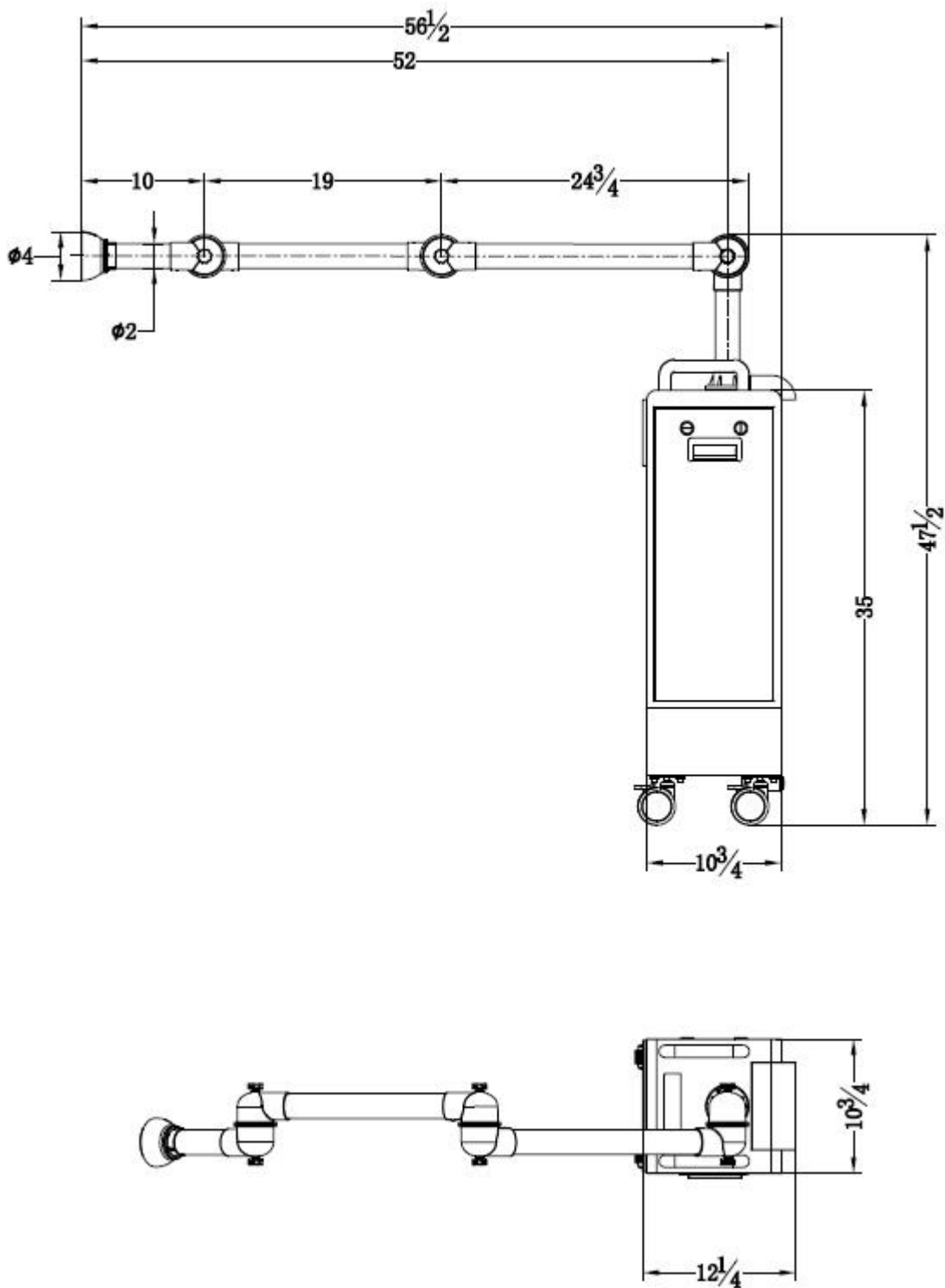


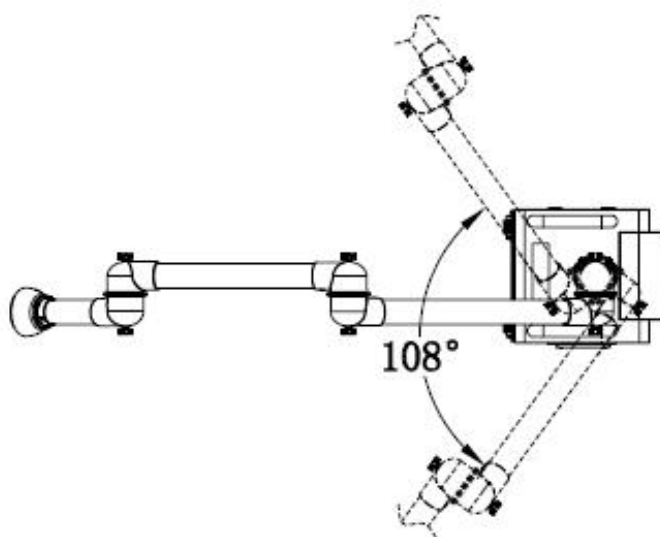
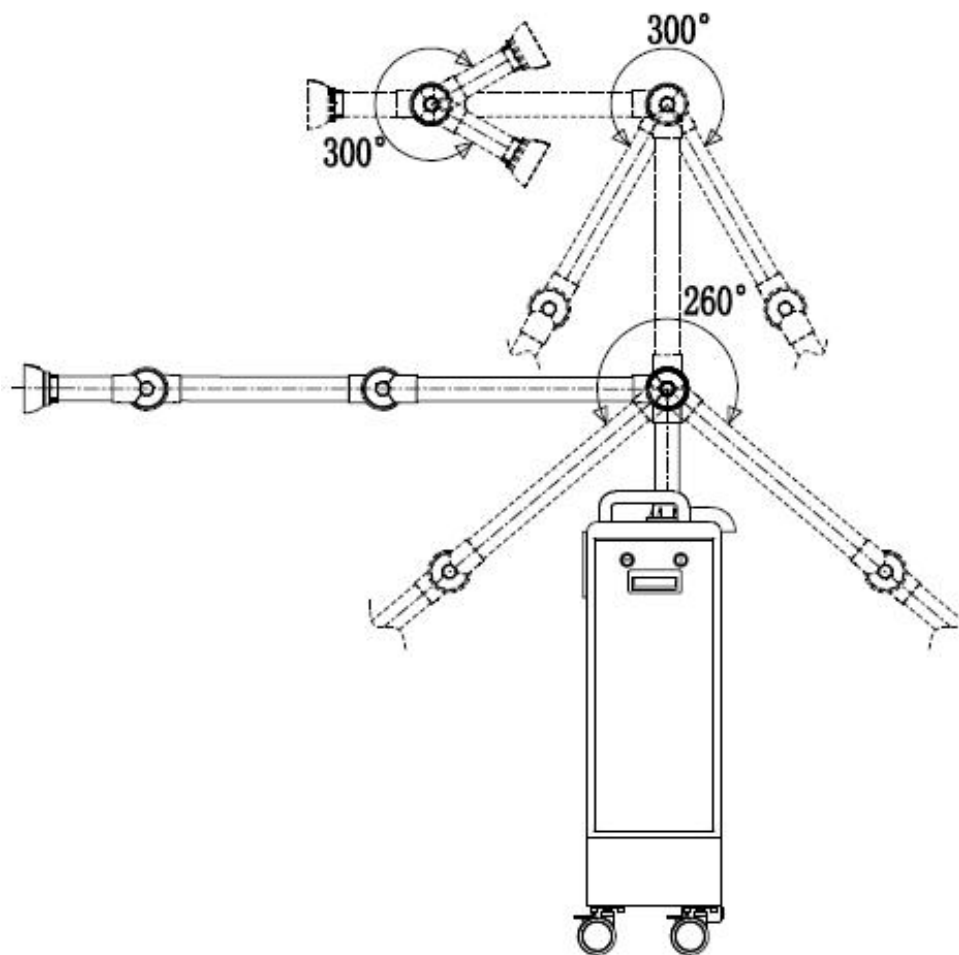
1	8026695	Case Panel	12	8026722	Handle
2	8026722	Fine Filter	13	A121945	Suction Hood
3	8026635	Motor	14	8026746	Suction arm of the third joint
4	8026623	UV Light	15	A121944	The third joint
5	8026563	HEPA filter	16	8026608	Muffler stick
6	8027319	Transformer	17	A121943	Suction arm of the second joint
7	8026605	Castor	18	A121942	The second joint
8	8027343	Fuse 6GFU-F25A250V	19	A121941	Suction arm of the first joint
9	8027340	Power cable	20	A121940	The first joint
10	8026686	Case	21	A121939	Centre Post of the first joint
11	8027316	Panel sticker			

4 Product Specifications

Model	EOS Extraoral Suction System		
Voltage	AC110V 60Hz	Electric current	20A Lower
Power	1160W	Fuse wire	20A 250V
Flow	105CFM	Suction Power	10KPa (10 Different Levels)
Fine Filter	F8	Average Efficiency (EM) for 0.4MM particles(%),90<EM<95 Minimum efficiency* for 0.4MM particles(%),55 (F8 matches European standard EN 779:2012 and ISO16890)	
HEPA Filter Level	H14	H14, blocking virus and germs $\geq 0.3\mu\text{m}$ with 99.995% filtration efficiency (H14 matches European standard EN 1822:2009, ISO16890 and DOE-STD-3020-2015 Specification for HEPA Filters Used by DOE Contractors)	
Noise Decibel	58dB (Tested under laboratory environment and 0.6-0.89 inch distance from the suction hood)		
Suction Arm Caliber	$\Phi 2''$		
UV Light Specifications			
Type	UVC	Lamp Tube Length	5.3''
Lamp Tube Caliber	0.6''	Lamp Cap Caliber	0.7''
Wave Length	254nm	Glass Tube	Ozone-free quartz glass
Power(W)	4W	Voltage (V)	$30 \pm 15\%$
Electricity (mA)	$145 \pm 15\%$	Radiation Intensity ($\mu\text{W}/\text{cm}^2$)	$\geq 8 @ 39.4''$
Steady time (min)	5	Average Lifetime (h)	>8000 (Continuous use)
Lamp Cap	G5 Aluminum head	Wire Material	Molybdenum Wire
Gas-filling	Pure Argon	Mercury	Pure Liquid Mercury<15mg

4.1 Product Dimensions



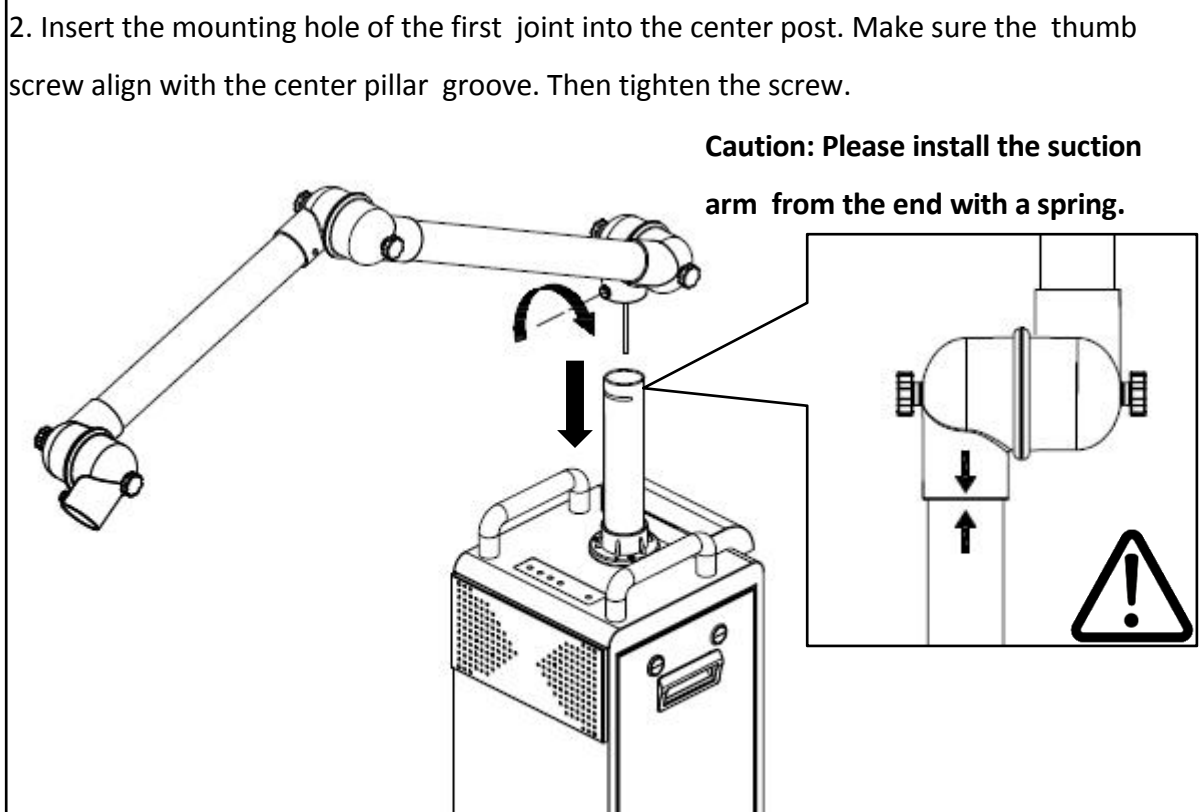
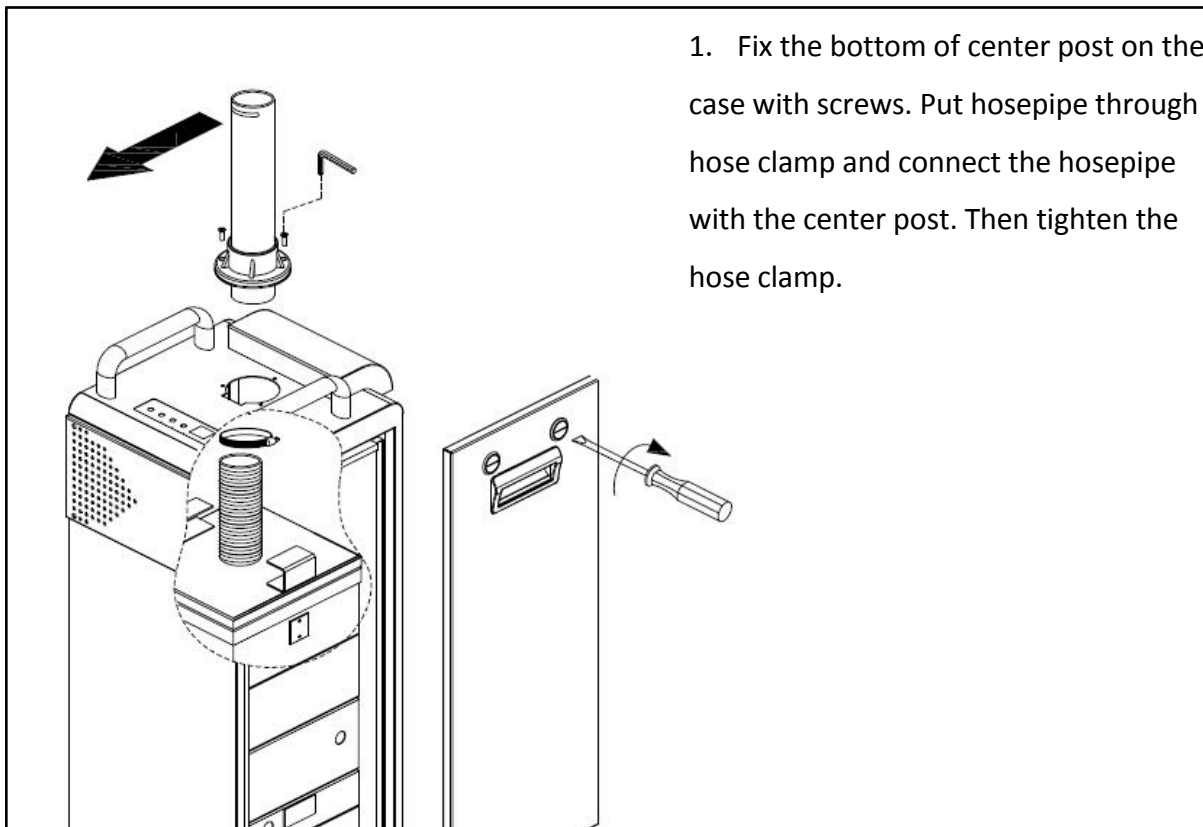


4.2 Product Package Size and Weight

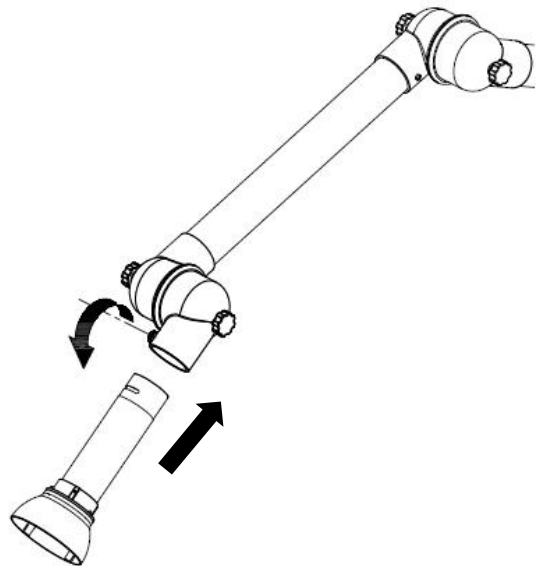


	Suction arm	Case
Packing Size	27.2"x10.2"x9"	14.6"x14.2"x39.4"
Net Weight	3.2lbs	94.2lbs
Gross Weight	5lbs	98.6lbs

5 Product Installation



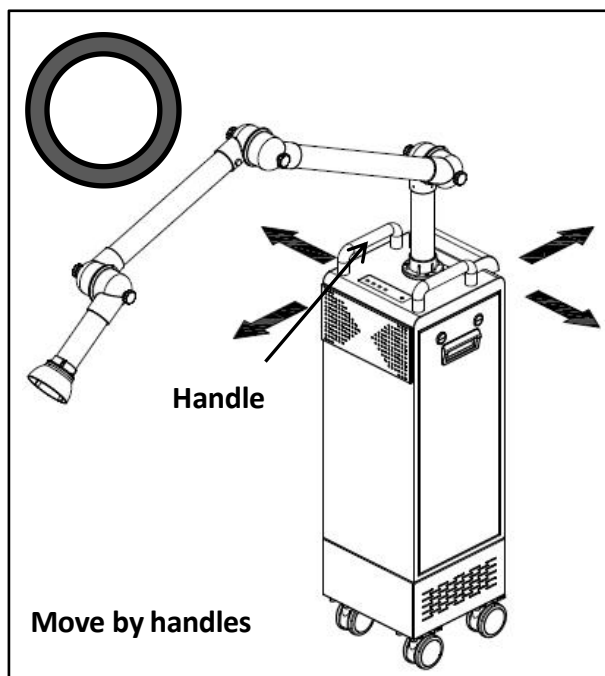
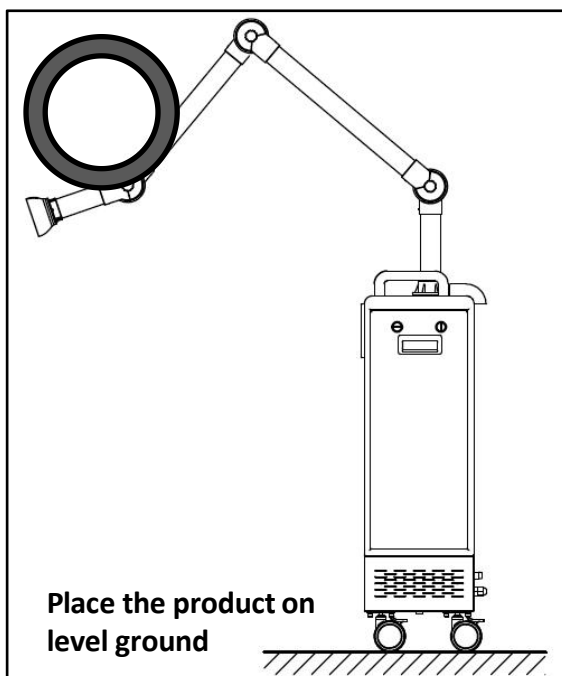
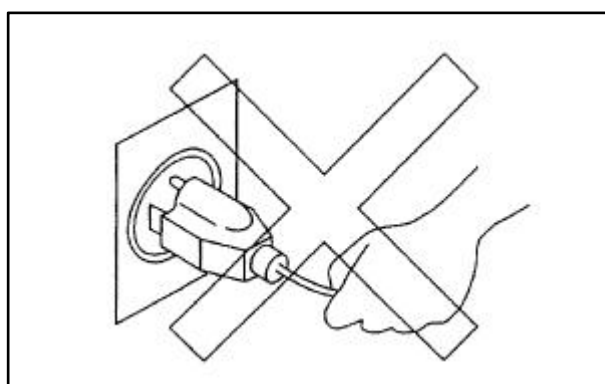
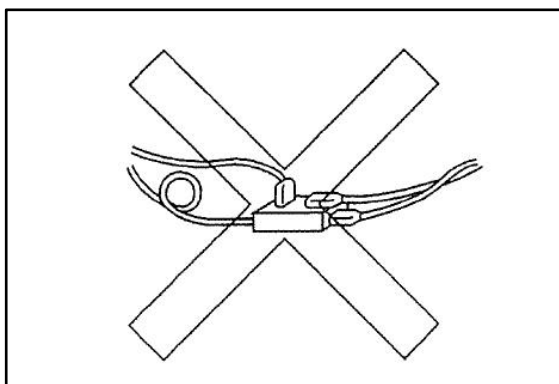
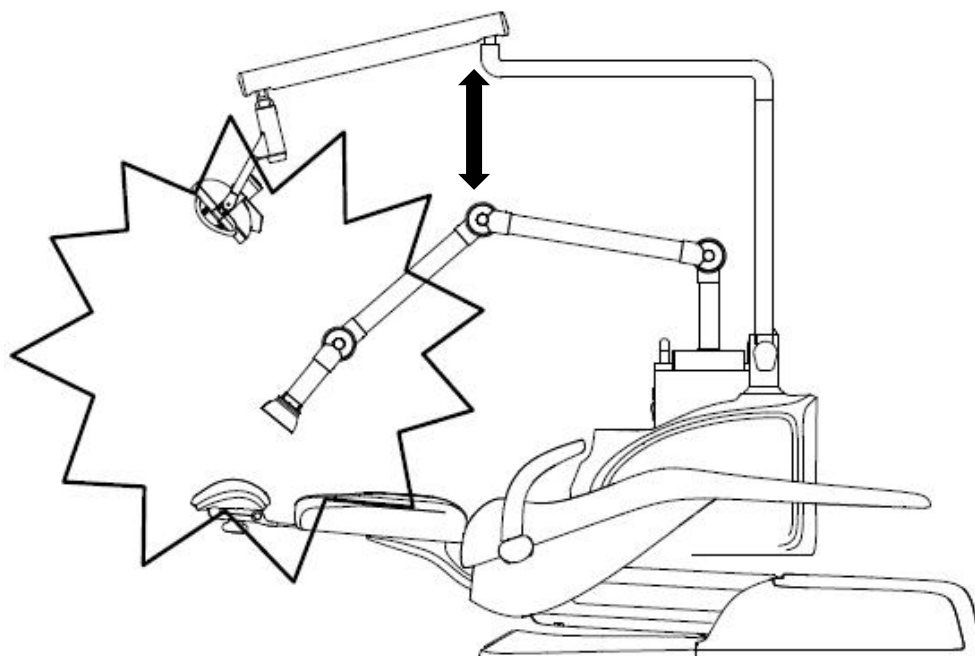
3. Insert the suction mouth tube into the mounting hole of the third joint. Make sure the thumb screw align with the center pillar groove. Then tighten the screw.

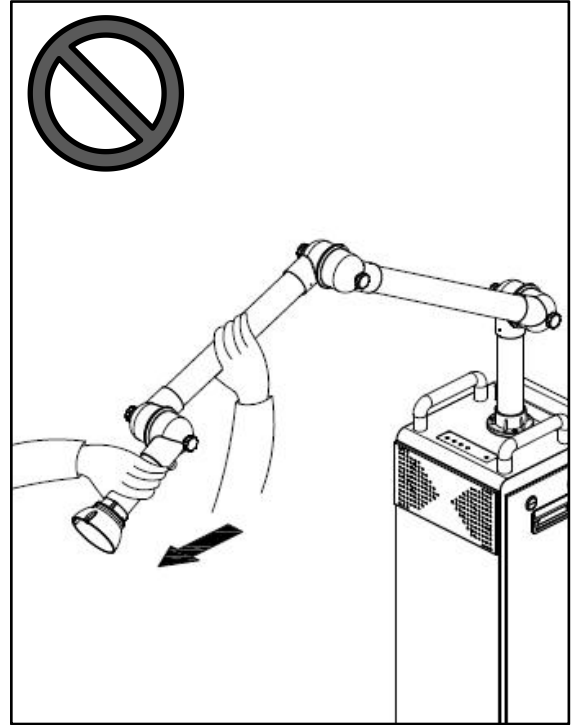
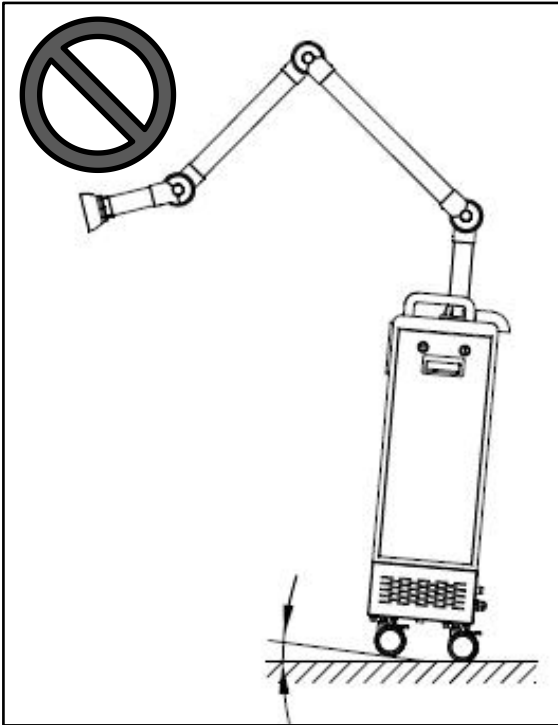


6 Product Use

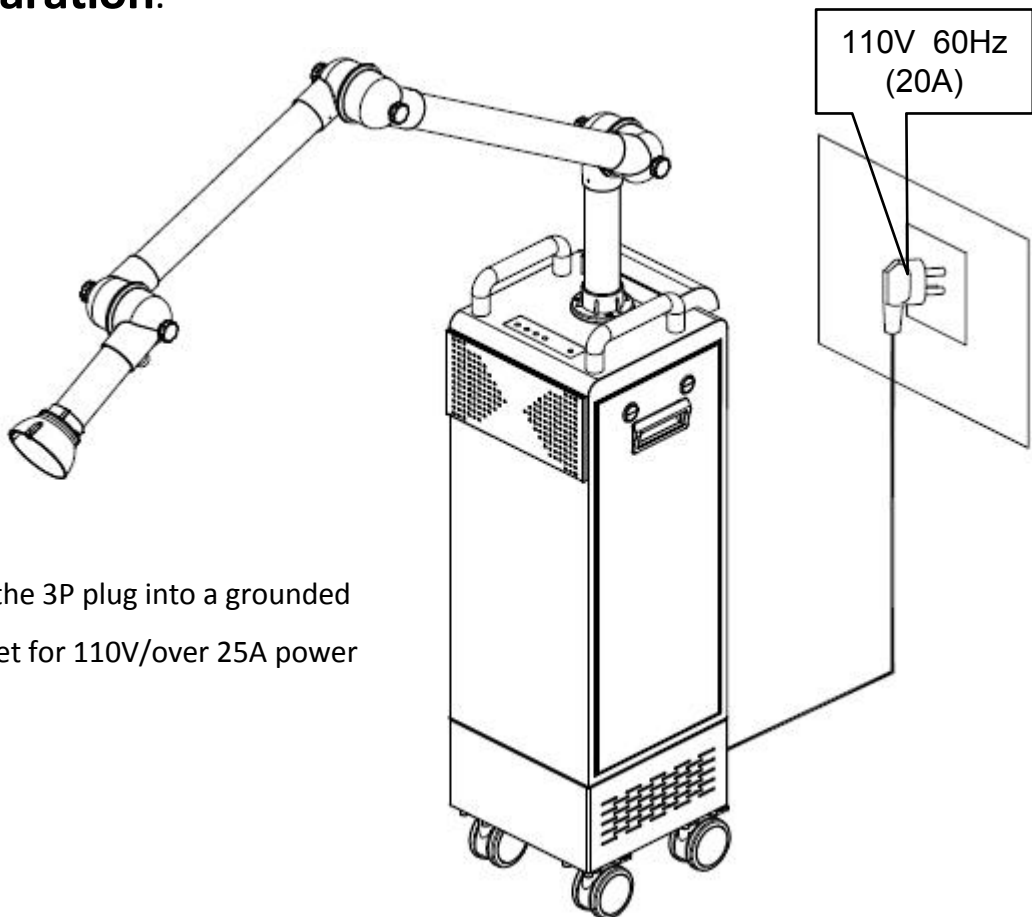
6.1 Warnings During Use

- Do not allow any person or object, including patient, shadowless lamp, chair and table, to come into contact with the product during headrest operation.
- Avoid exposing the product to any source of light or heat, either before, during or after use.
- To avoid possible collision, do not place hard and heavy articles near the product.
- Never disassemble the joint cups before or during use. This could lead to accidents or failure.
- Do not tilt the equipment. Otherwise it could lead to serious personnel injuries.
- If the equipment is found in a tilted state, do not move the equipment horizontally or attempt to take hold of the equipment by its arms or suction hood.
- Attend to power cables before moving the equipment.





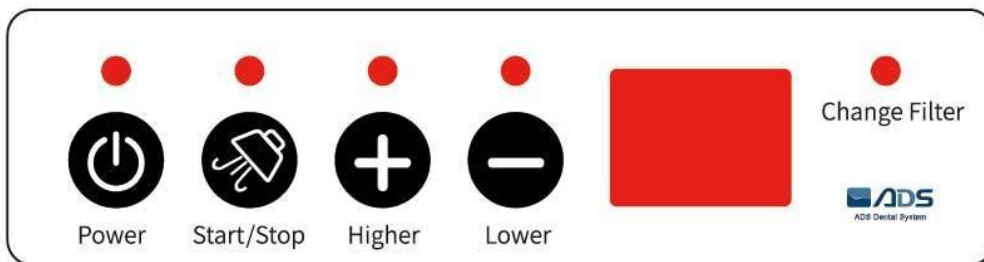
6.2 Preparation.






- Connect the 3P plug into a grounded wall socket for 110V/over 25A power supply

6.3 Turn On the Power

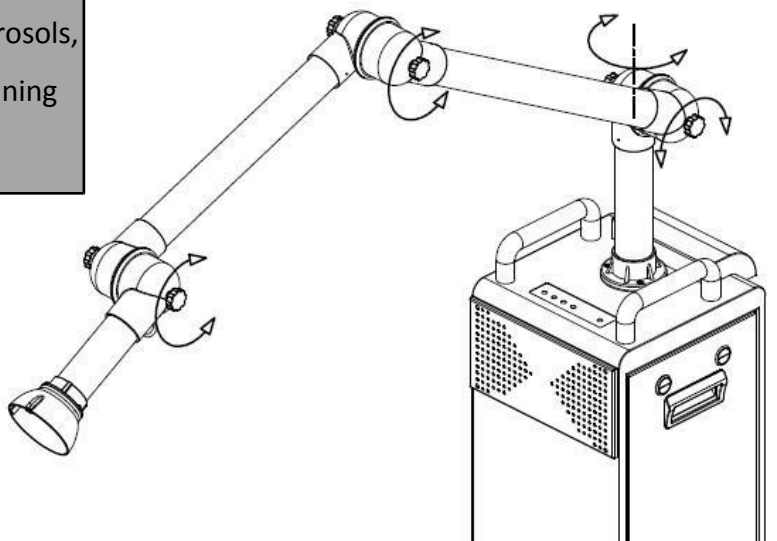
- Remove everything that might be mistakenly sucked in by the equipment.
- Make sure the suction arms are installed properly.
- Keep a distance of 3.94 Inches between suction hood and patient’s mouth.
- Press the “Power” button to turn the equipment on.



6.4 Start and Stop

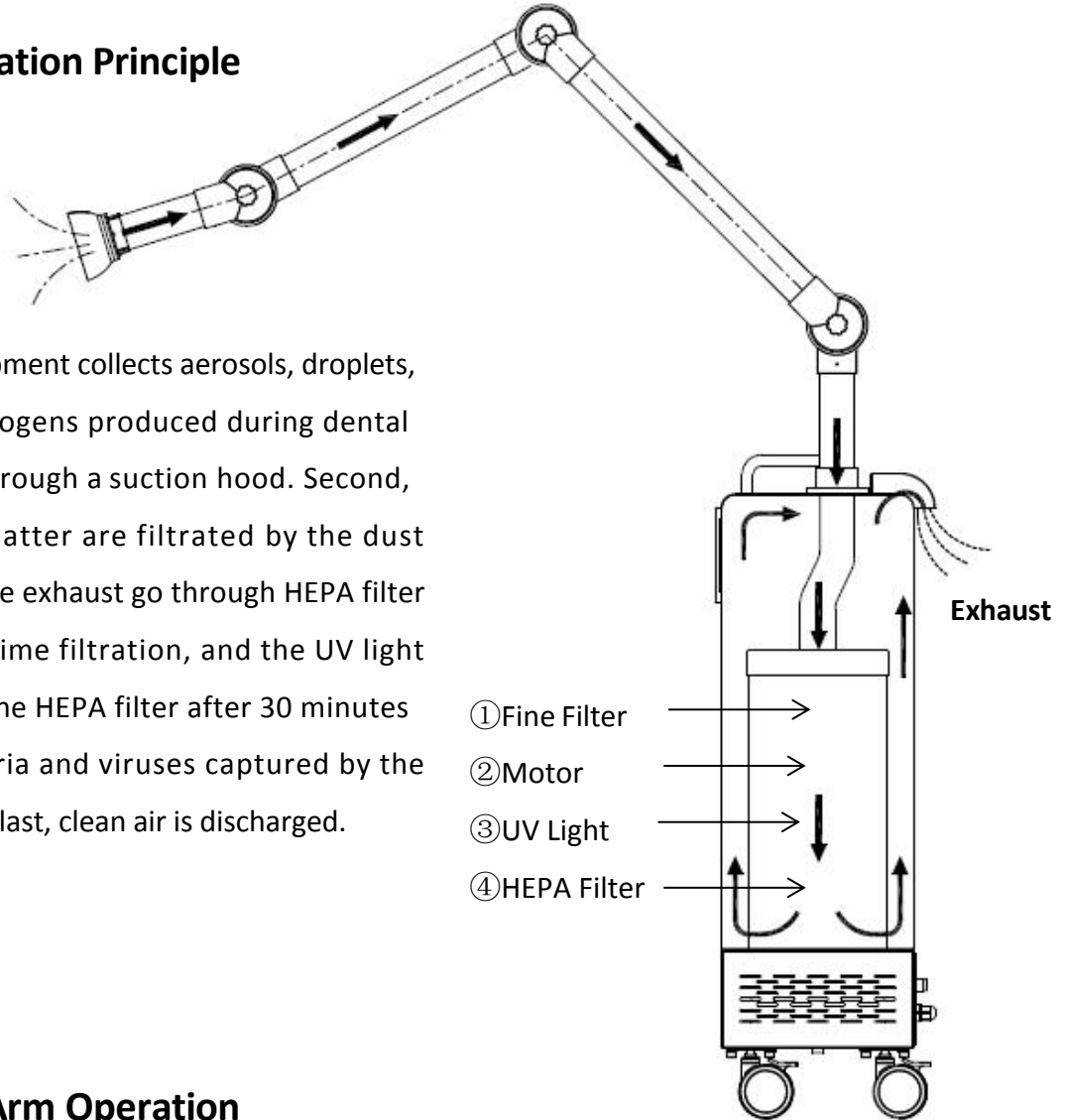
- Make sure the suction hood and arms are in the right position. Press the “Start”  bottom to let the equipment start working.
- Press “Higher” button  and “Lower” button  to adjust suction power. There are 10 power levels you can choose from.
- To end or pause, press the “Start” button once. Press it again to restart.

Suggestion: After each dental treatment, keep the equipment running for an extra few minutes to remove possible aerosols, droplets, dust and pathogens remaining in the air.



6.5 Operation Principle

First, the equipment collects aerosols, droplets, dust and pathogens produced during dental procedures through a suction hood. Second, particulate matter are filtrated by the dust filter. Third, the exhaust go through HEPA filter for a second time filtration, and the UV light exposure on the HEPA filter after 30 minutes and kill bacteria and viruses captured by the HEPA filter. At last, clean air is discharged.

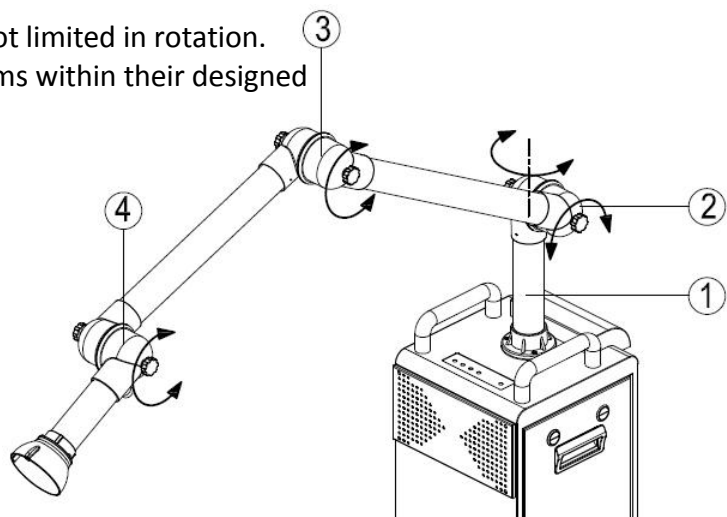


6.6 Suction Arm Operation

- The rotating parts of the first joint centre post ① is limited in rotation. Therefore, it cannot rotate more than 360 degrees.
- The first joint ② is limited in rotation. Therefore, the first suction arm cannot bend rearward.
- The second and third joints ③④ are not limited in rotation.
- Please operate and position suction arms within their designed rotation limit.

Caution:

After use, restore suction arms to the original position to avoid collisions.



7 Parts Cleaning and Replacement

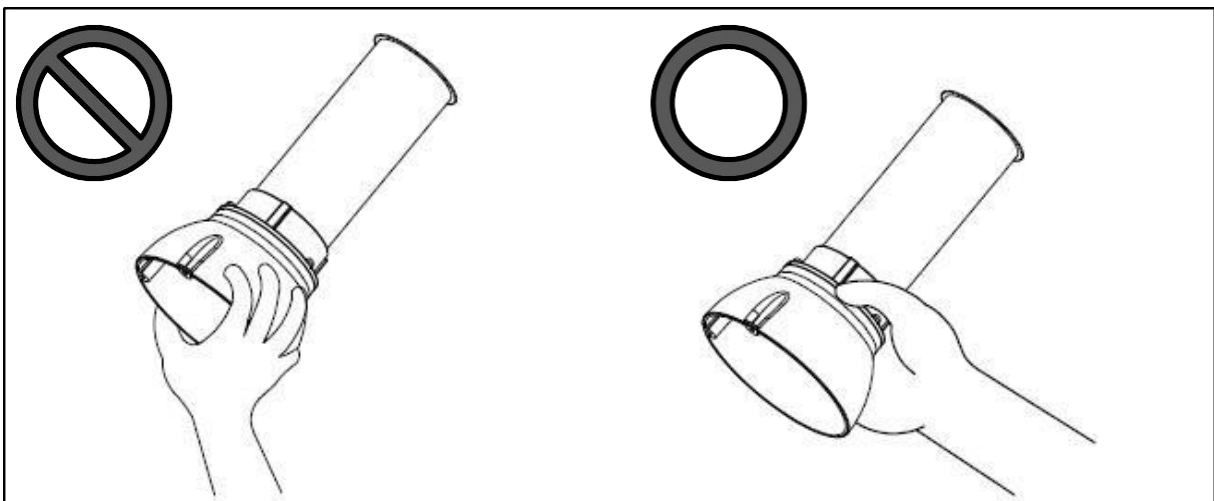
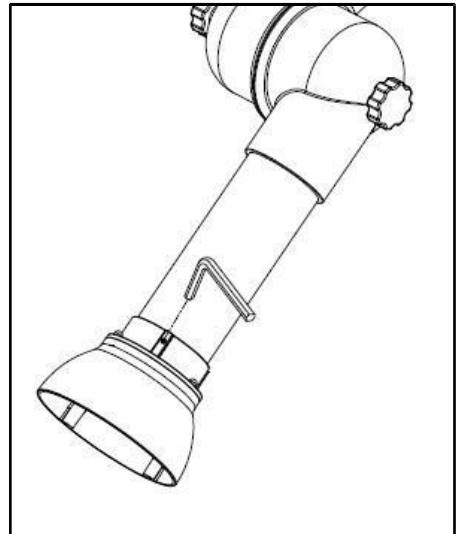
- When installing or removing the suction hood, hold the hood by the connecting end, instead of by the far end.
- To clean the equipment surface, dampen a soft cloth and wring before wiping.
- Do not use organic solvent to clean the product.

7.1 Suction hood

[Daily Clean] Use wiping disinfectant or spray disinfectant to clean the product surface.

[Replacement]

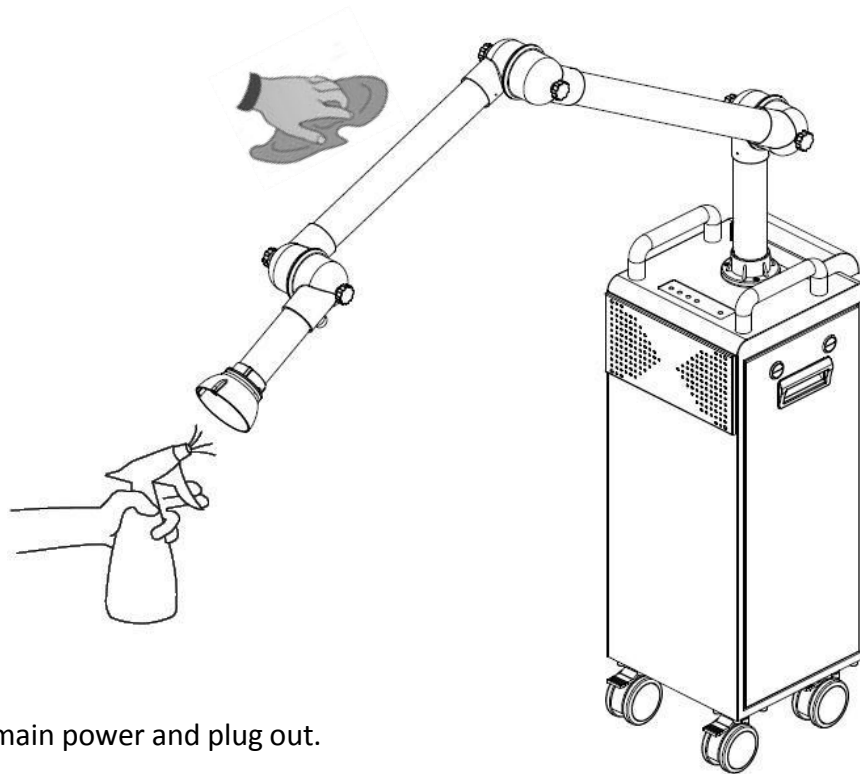
- Cut off the main power and plug out.
- Keep your hands dry.
- Wear gloves.
- Loosen up the three screws in the suction hood.
- Replace with a new hood and tighten up the screws.



7.2 Suction Arms

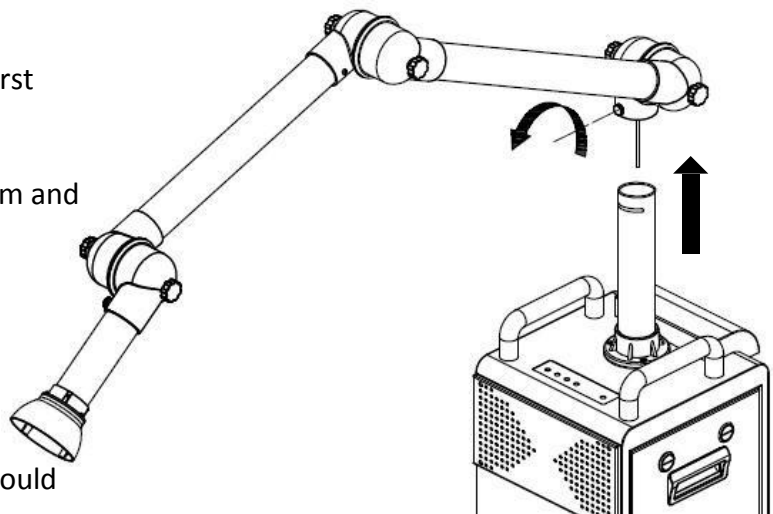
[Daily Clean]

- Use disinfectant or wiping to clean the product surface.
- To clean the inside of suction arms, turn on the equipment while spraying degerming spray towards the suction hood.
- Caution: Do not disassemble the suction arms and soak them in disinfectant.



[Replacement]

- Cut off the main power and plug out.
- Keep your hands dry.
- Wear gloves.
- Loosen up the screws in the first suction arm.
- Take out the entire suction arm and replace it with a new arm.
- Tighten up the screws.



[Caution]

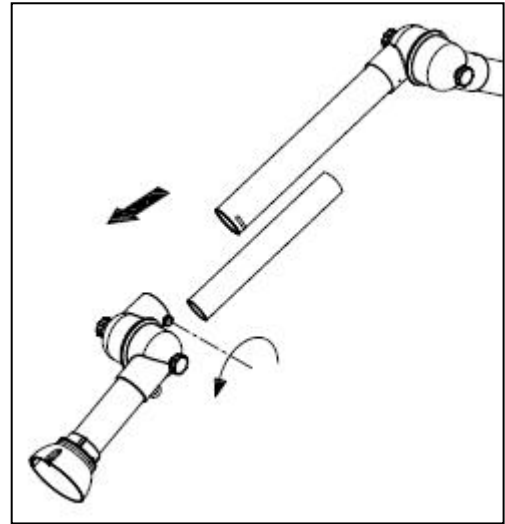
Replaced suction arms should be disposed in category of medical waste.

7.3 Muffler Filter Stick Replacement

- Cut off the main power and plug out.
- Keep your hands dry.
- Wear gloves.

 **[Caution] Replaced muffler stick should be disposed in category of medical waste.**

- ① Loosen up the screws in the third joint and take out the muffler stick.
- ② Place a new muffler stick into the second suction arm.
- ③ Insert the module of the third joint into the second suction arm. Tighten up the screws.

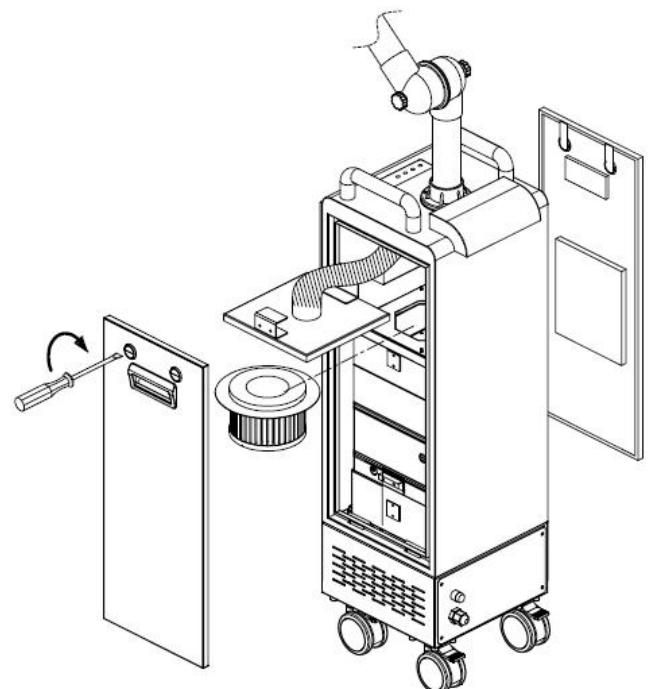


7.4 Fine Filter Replacement

- Cut off the main power and plug out.
- Keep your hands dry.
- Wear gloves.

 **[Caution] Replaced filters should be disposed in category of medical waste.**

- ① Loosen up the screws on case panel using a slot type screwdriver. Detach the case panels.
- ② Unlock the dust-proof drawer locker, press the cover plate and take out the filter.
- ③ Put a new filter into the drawer.
- ④ Put back the cover plate and install the case panels.

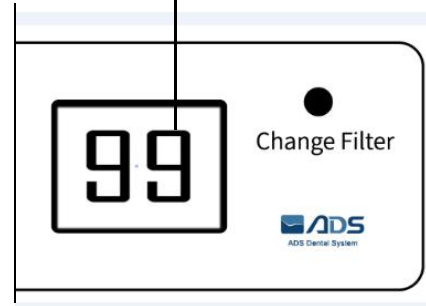


Fine filter should be replaced after using for 6 months.

7.5 HEPA Filter Replacement

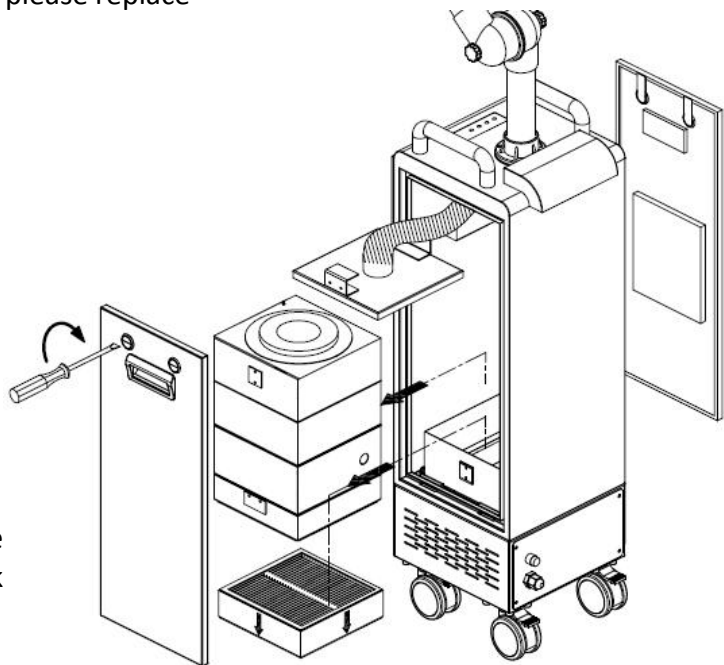
The defaulted lifetime of filters are 12 months. When the equipment is powered on, the percentage of filter's remaining lifetime will be shown on the panel. However, filter's lifetime may vary in different operation environment. When user senses insufficient negative pressure, buzzing sound from the panel, or blinking indicator light, please replace filter immediately.

Percentage of remaining lifetime



- Cut off the main power and plug out.
- Keep your hands dry.
- Wear gloves.

- ① Detach the case panels.
- ② Unlock the dust-proof drawer locker and press the cover plate.
- ③ Take out the filter box.
- ④ Replace the HEPA filter.
- ⑤ Put back the filter box and put the cover plate back on. Double check and lock up.
- ⑥ Install the case panels back on.

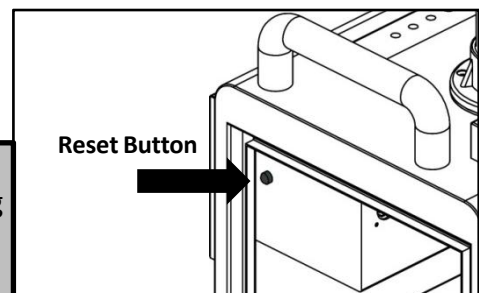


[Caution] Replaced filters should be disposed in category of medical waste.



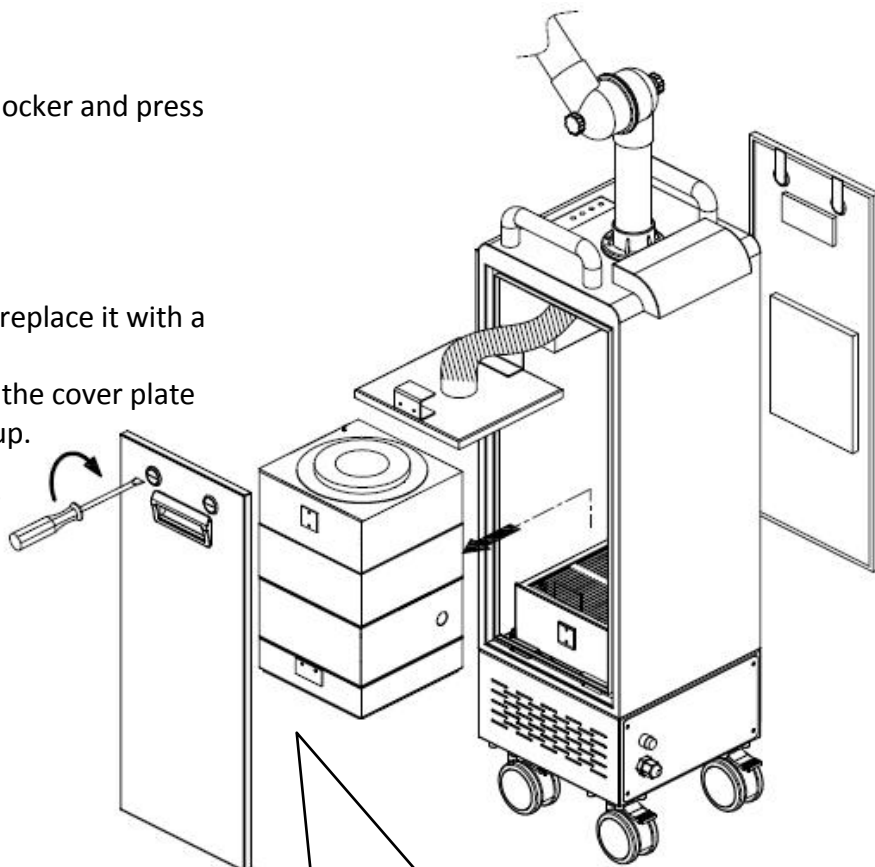
[Caution] Make sure the HEPA filter is placed

[Caution] After replacing the whole set of filters, press and hold the Reset Button for 5 seconds until a buzzing sound appears and lasts for 3 seconds. Then the alarm is removed.

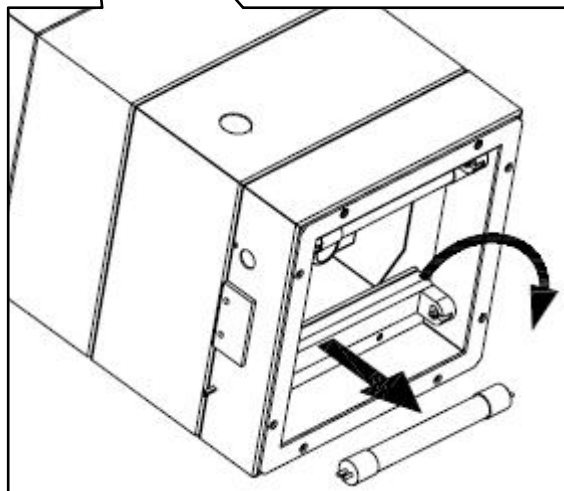


7.6 UV Light Replacement

- Cut off the main power and plug out.
- Keep your hands dry.
- Wear gloves.
- ① Detach the case panels.
- ② Unlock the dust-proof drawer locker and press the cover plate.
- ③ Take out the filter box.
- ④ Turn over the filter box.
- ⑤ Remove the UV light tube and replace it with a new one.
- ⑥ Put back the filter box and put the cover plate back on. Double check and lock up.
- ⑦ Install the case panels back on.

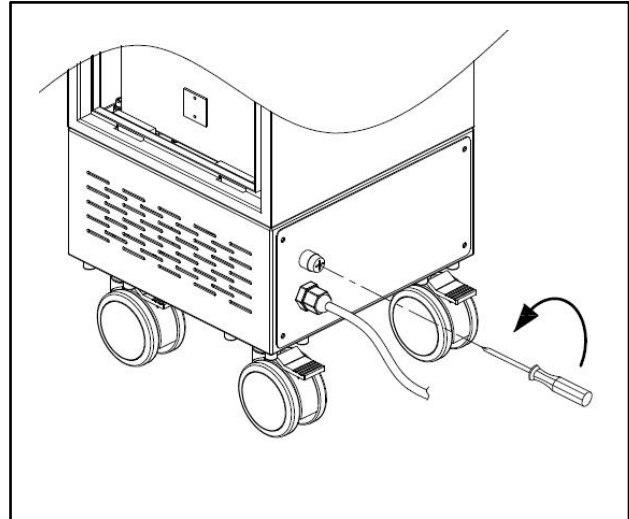


[Caution] Replaced UV Light should be disposed in category of medical waste.



7.7 Fuse Replacement

- Cut off the main power and plug out.
- Keep your hands dry.
- ① Pull the plug out from socket.
- ② Open the holder cover using a cross screwdriver as instructed on fuse holder.
- ③ Put a new fuse (6GFU-F25A250V) in the fuse holder.
- ④ Reinstall the holder cover.
- ⑤ Plug in the power cable.
- ⑥ Switch on the power to proceed operation.



8 Daily Maintenance

To ensure a clean daily use, do not contaminate the suction hood and clean frequently.

- To disinfect suction arms, use specially disinfectant spray or wiping disinfection.
- To disinfect suction hood, avoid using disinfectant liquid that may change the shape or color of the hood.

8.1 Maintenance Period of Equipment Parts

Frequency	Content
Before Each Business Day	Check equipment surfaces and parts for any abnormalities
On a Per Patient Basis	Suction hood Disinfection and Arms inside Disinfection
After Each Business Day	Clean the equipment
Every 6 Months	Muffler stick and fine filter replacement
Every Year	HEPA Filter Replacement

9 Transportation and Storage Conditions

- Ambient temperature: $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$
- Relative humidity: 20~90%, avoid moisture condensations.
- Big steam pressure range: 500 ~ 1060Kpa。

10 Trouble Shooting

Power Off	<ul style="list-style-type: none"> • Is the power-on in the power socket? • Is the button switch turned on? • Is the power plug of the equipment plugged into the power socket or not? • Is the fuse blown? • Is there a fuse?
The suction arm demonstrates low level of suction power.	<ul style="list-style-type: none"> • Is the fine filter blocked or not? • Is the HEPA filter blocked or not? • Is the cover plate in place?

If all your answers to these questions are “yes” yet the equipment still runs poorly, please reach out to ADS Customer Services.

11 Warranty and Customer Services

The EOS Extraoral suction system is with 2 year warranty from the date of purchase. Please contact us if you have any feedback and opinions on this document. If you want to get service information, please contact the local dealer authorized by ADS.

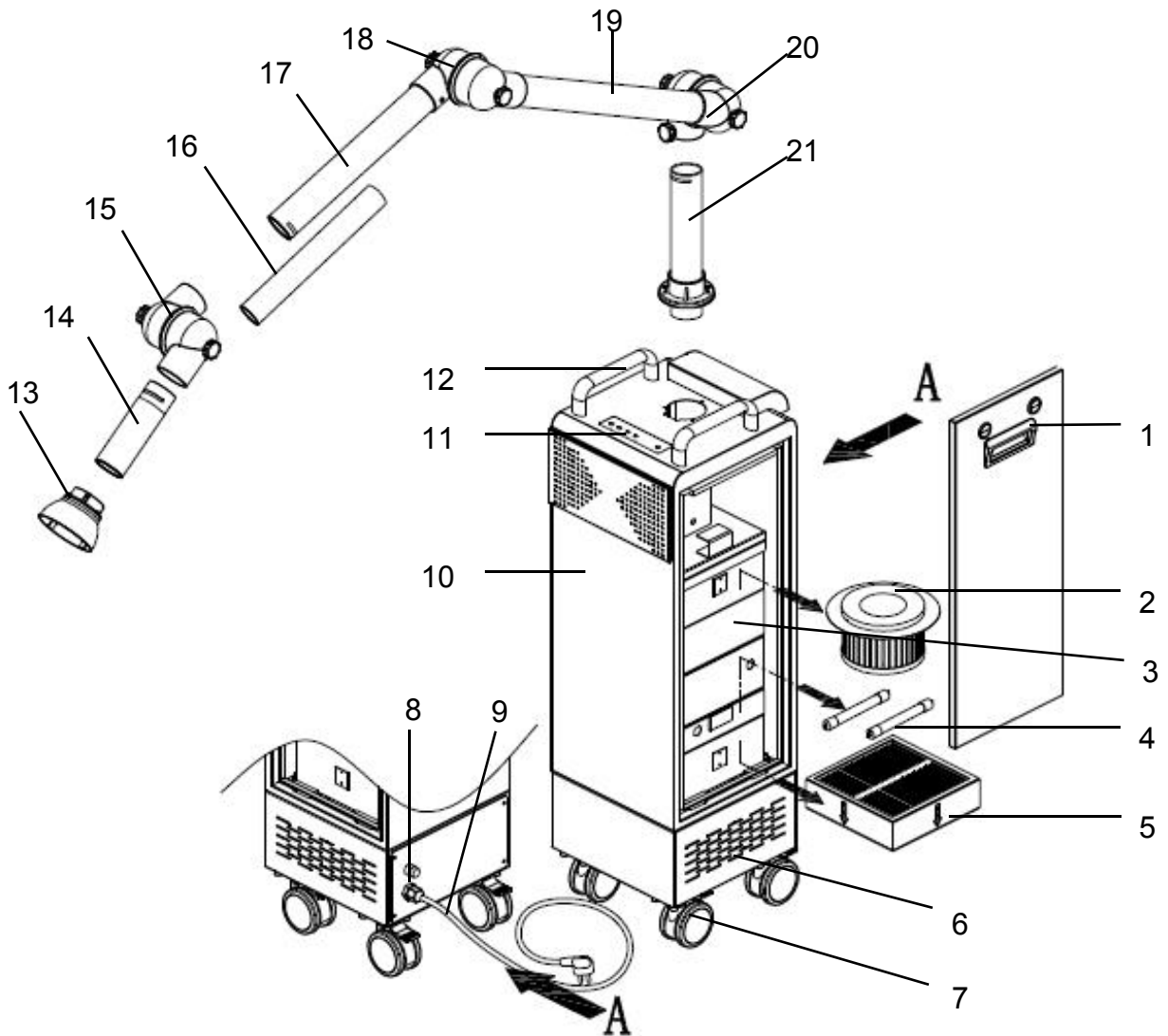
Email: sales@adsequip.com

Tel: 626-6200456

Technical Support: 800 488 9708

12 Consumables

- | | |
|-----------------------------|----------------------------|
| ① Muffler Stick (8026722) | ④ Fine Filter (8026725) |
| ② HEPA Filter (8026563) | ⑤ Suction hood (8026740) |
| ③ Fuse (8026602) | ⑥ Suction Arm (A121937) |



1	8026695	Case Panel	12	8026722	Handle
2	8026722	Fine filter	13	A121945	Suction Hood
3	8026635	Motor	14	8026746	Suction arm of the third joint
4	8026623	UV Light	15	A121944	The third joint
5	8026563	HEPA filter	16	8026608	Muller stick
6	8027319	Transformer	17	A121943	Suction arm of the second joint
7	8026605	Castor	18	A121942	The second joint
8	8027343	Fuse 6GFU-F25A250V	19	A121941	Suction arm of the first joint
9	8027340	Power cable	20	A121940	The first joint
10	8026686	Case	21	A121939	Centre Post of the first joint
11	8027316	Panel sticker			

11 Electro Magnetic Compatibility



Caution:

- Extraoral Dental Suction System meets the requirements of standard YY0505.
- Users should install and operate the product basing on the electromagnetic compatibility information in the document.
- Portable and mobile radio frequency communication devices may affect the performance of Extraoral Dental Suction System. Keep mobile phones, microwave oven, etc. away from the equipment during use.
- Refer to attachment for manufacturer's statement.



Warning:

- Do not place the Extraoral Dental Suction System in the vicinity of other device, nor should the equipment be stacked up. If it must be in the vicinity of other device or stacked up, be sure to test and observe that the equipment can run under current configuration.
- For the Extraoral Dental Suction System, use cables that are authorized by ADS only. Attempt to use cable or other components from unauthorized source could lead to electro magnetic abnormalities.

Statement of Manufacturer—Electromagnetic Launch		
Extraoral Dental Suction System is designed for electro magnetic environment described below. Be sure to apply.		
Lauch Test	Comformance	Electromagnetic Environment
GB4824RF Lauch	1 Group	Extraoral Dental Suction System utilizes RF energy for its built-in functions only. Therefore, its RF transmit is very low. There is a low possibility that the equipment will affect other electronic devices in its vicinity.
GB 4824RF Lauch	B Class	Extraoral Dental Suction System is suitable for all facilities, including household facilities, and can be directly connected to low-voltage public residential power supply.
GB 17625.1 Harmonic Lauch	A Class	
Voltage Fluctuation /Scintillation Lauch GB 17625.2	Qualified	


Extraoral Dental Suction System, Instructions For Use and Installation

Statement of Manufacturer— Electromagnetic Immunity			
Extraoral Dental Suction System is designed for electro magnetic environment described below. Be sure to apply.			
Electromagnetic Immunity Test	IEC6061 Test Level	Test Level Comformance	Electromagnetic Environment
Electrostatic Lauch (ESD)GB/T 17626.2	±6 kV Contact Discharge ±8 kV Air Discharge	±6 kVContact Discharge ±8 kV Air Discharge	The floor should be of wood, concrete, or tile. If the floor is covered by synthetic materials, the relative humidity should be at least 30%.
Electrical Fast Transient Burst GB/T 17626.4	±2 kV to power wire	±2 kV to power wire	The power supply should reach the standard of typical commercial or hospital power supply.
Surge GB/T 17626.5	±1 kV wire to wire ±2 kV ground to ground	±1 kV wire to wire ±2 kV ground to ground	The power supply should reach the standard of typical commercial or hospital power supply.
Voltage sags, short interruptions and voltage changes in power input line GB/T 17626. 11	< 5% U_t , lasting 0.5 Cycle (At $U_t > 95\%$ Sag) 40 % U_t , lasting 5 Cycles (At $U_t 60\%$ Sag) 70% U_t , lasting 25 Cycles (At $U_t 30\%$ Sag) < 5% U_t , lasting 5s (At $U_t > 95\%$ Sag)	< 5% U_t lasting 0.5 Cycle (At $U_t > 95\%$ Sag) 40 % U_t , lasting 5 cycles (At $U_t 60\%$ Sag) 70% U_t , lasting 25 cycles (At U_t , 30% Sag) < 5% U_t , lasting 5s (At $U_t > 95\%$ Sag)	The power supply should reach the standard of typical commercial or hospital power supply. If required to use the equipment during power blackout, it is recommended to use battery or uninterruptible power supply.
Power Frequency Magnetic Field (50/60 Hz) GB/T 17626.8	3 A/m	3 A/m	Power frequency magnetic field should be at the same level with PFMF in typical commercial or hospital environment.
Note: U_t refers to the AC network voltage before the test.			

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Statement of Manufacturer— Electromagnetic Immunity

Extraoral Dental Suction System is designed for electro magnetic environment described below. Be sure to apply.

Electromagnetic Immunity Test	IEC6061 Test Level	Test Level Conformance	Electromagnetic Environment
<p>Radio Frequency Conduction GB/T 17626.2</p> <p>Radio Frequency Radiation GB/T 17626.3</p>	<p>3V(Effective Value) 150kHz ~80MHz</p> <p>3V/m 80MHz~5GHz</p>	<p>3V (Effective Value)</p> <p>3V/m</p>	<p>The isolation distance between portable and mobile RF communications devices and any part of the Extraoral Dentistry Suction System, including cables, should not be less than recommended isolation distance. The recommended isolation distance is calculated by a formula corresponding to the frequency of the transmitter. Recommended isolation distance formula:</p> $d = 1.2\sqrt{P}$ $d = 1.2\sqrt{P} \quad 80 \text{ MHz} \sim 800 \text{ MHz}$ $d = 2.3\sqrt{P} \quad 800 \text{ MHz} \sim 2.5 \text{ GHz}$ <p>P—based on the transmitter's maximum rated output power provided by transmitter manufacturer, in watts (W); d—Recommended isolation distance, in meters (m).</p> <p>The field strength of the fixed RF transmitter is determined by surveying the electromagnetic field a, and in each frequency range d should be lower than the compliance level. Interference may occur near the equipment marked with the the following symbol. </p>

Note 1: At 80MHz and 800MHz frequencies, apply higher frequency band formula.

Note 2: These guidelines may not be suitable for all situations. Electromagnetic propagation is affected by absorption and reflection from buildings, objects and human bodies.






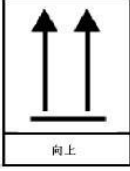






The field strengths of fixed transmitters, such as: base stations for wireless (cellular/cordless) phones and terrestrial mobile radios, amateur radios, AM and FM radio broadcasts, and television broadcasts, cannot be accurately predicted theoretically. To assess the electromagnetic environment of fixed RF transmitters, surveys of electromagnetic sites should be considered. If the measured field strength of the Extraoral Dental Suction System is higher than the applicable RF compliance level above, the Extraoral Dental Suction System should be observed to verify that it can operate normally. If abnormal performance is observed, supplementary measures may be necessary, such as reorienting or repositioning the Extraoral Dental Suction System.

In the entire frequency range of 150kHz to 80MHz, the field strength should be lower than 3V/ m.

Extraoral Dental Suction System, Instructions For Use and Installation

Recommended isolation distance between portable and mobile RF communication devices and Extraoral Dental Suction System			
Extraoral Dental Suction System are intended for use in electromagnetic environments where RF radiation disturbances are controlled. Depending on the maximum rated output power of the communication device, the purchaser or user can prevent electromagnetic interference by maintaining the minimum isolation distance between portable and mobile RF communication devices (transmitters) and Extraoral Dental Suction System as recommended below.			
Transmitter's rated maximum output power	Isolation distance corresponding to different frequencies of the transmitter/m		
	150kHz~80MHz $d = 1.2\sqrt{P}$	80MHz~800MHz $d = 1.2\sqrt{P}$	80MHz~2.5GHz $d = 1.2\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23
<p>For the maximum rated output power of the transmitter not listed in the table above, the recommended isolation distance d is in meters (m), which can be determined by the formula in the corresponding transmitter frequency column, where P is the Maximum rated output power of the unit, in watts (W), provided by the transmitter manufacturer.</p> <p>Note 1: At 80MHz and 800MHz frequency points, the formula of the higher frequency band is applied. Note 2: These guidelines may not be suitable for all situations. Electromagnetic propagation is affected by absorption and reflection from buildings, objects and human bodies.</p>			

12. Symbols Descriptions

Symbols	Descriptions
 Handle with Care	 Keep Dry
 More Information	 Serial Number
 Grounding Connection	 This Way Up
 Caution	 Type B Machine
 Power Switch	 Activate
 Gear Up	 Gear Down

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