

# User Manual

Model: APL-MED-1120



Please read this instruction carefully before using.

## Introduction:

Thank you for purchase this ozone generator! This Device is mainly use for ozone therapy purpose and intended to create ozone gas for use in your setting., if you have any concerns , please feel free to contact us.

You need :

Place the device on flat place;

Place the device in a dry , ventilated place;

Do not let water go inside the device;

Do not touch the high voltage part when open and run the device;

Some treatments need a licensed person who is trained in proper techniques;

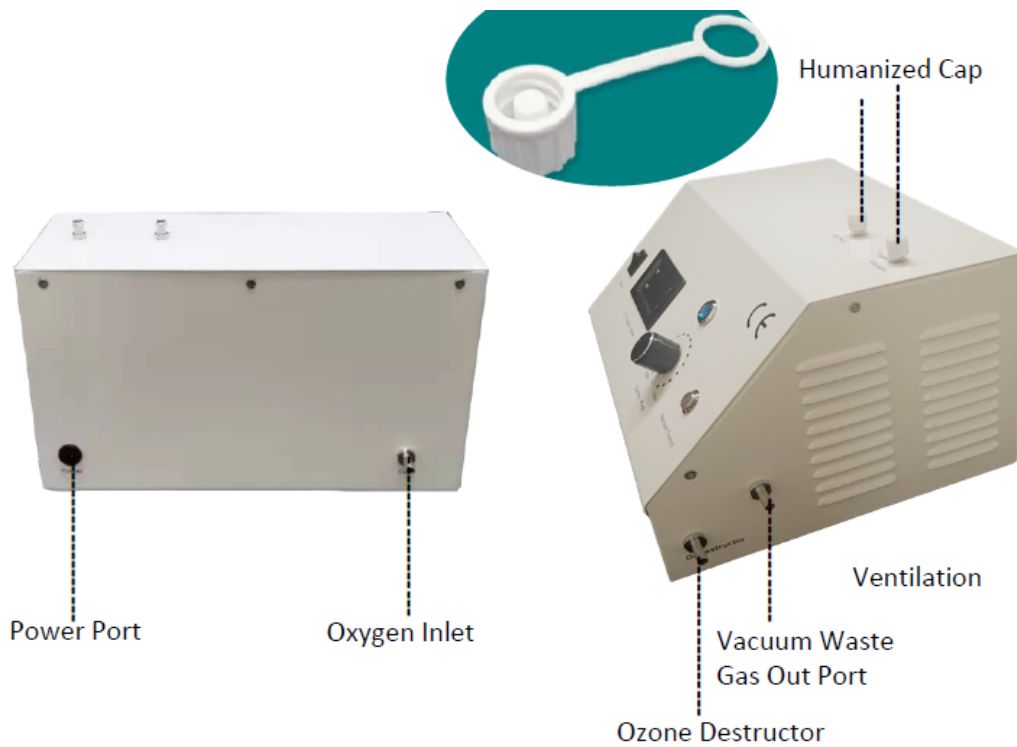
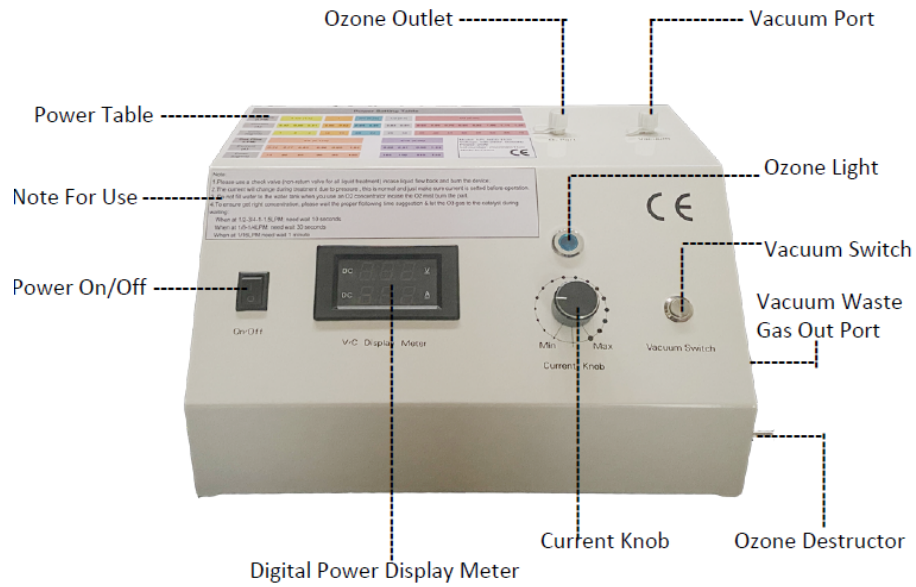
The frequency of treatment and the ozone dosage will depend on the general condition of the patient, age and main disease.

Tips:

The current will change during operation due to connection pressure , this is normal and just make sure current is setted before operation. Attention the current is has +-0.01 ampere tolerance when you adjust the current knob;

When you use vacuum function, please connect the vacuum waste gas port tube to the ozone destructor port.

## Structure:



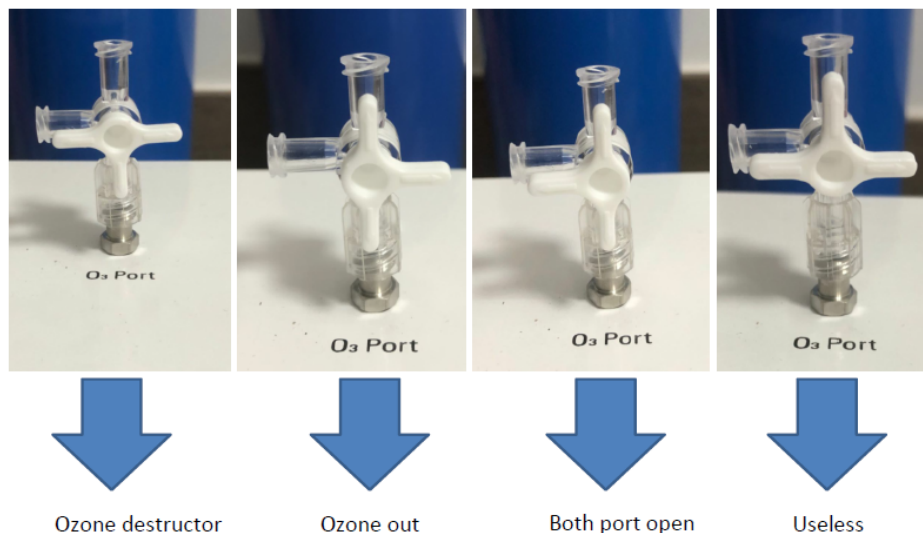
# Specification

Model No.	APL-MED-1120
Ozone concentration	1-120 ug/ml
Voltage	100-240V AC
Power	25W
Size	260*200*145 mm
Weight	3kg
Warranty	1 year
<b>Package list</b>	
Ozone generator	1pc
Power adaptor	1pc
Concentration Sticker	1pc
Silicone tube	2 meters
3 ways stopcock	2pcs
Diffuser stone	2pcs
Luer protection cap	2pcs
Luer lock	2pcs male

Luer lock: this luer lock set is used for tube connection;

Silicone tube: FDA grade tube, mainly for the set up connection, please cut as long as you need.

3 ways stopcock: for on/off the gas in 2 directions;



Diffuser stone: for ozonated water or ozonated oil operation;

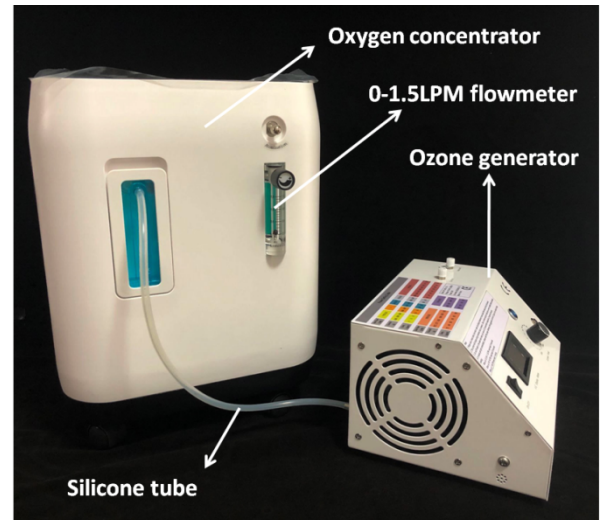
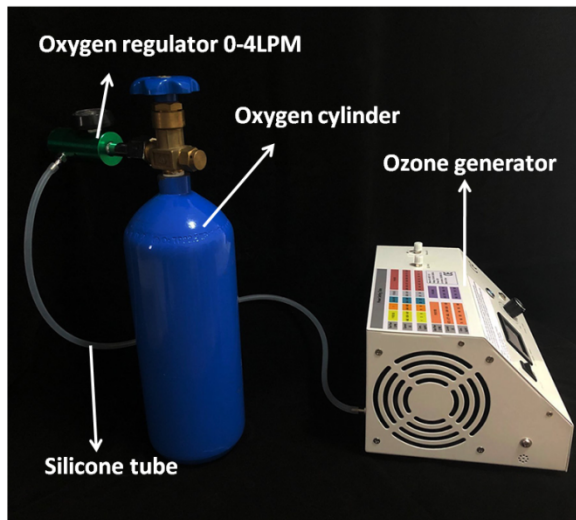
Luer protection cap: install it on the luer lock on the device when not use the device incase any pollution in the machine from the luer hole.

## Set up:

To set up the basic system, you need :

1. Oxygen cylinder / oxygen concentrator
2. 0-4LPM Oxygen regulator / 0-1.5LPM flowmeter
3. Silicone tube
4. Ozone generator

Connection picture:



Video link:

<https://youtu.be/ojUObxzmUA8> (oxygen cylinder)

<https://youtu.be/6Lska1GN8mM> (oxygen generator)

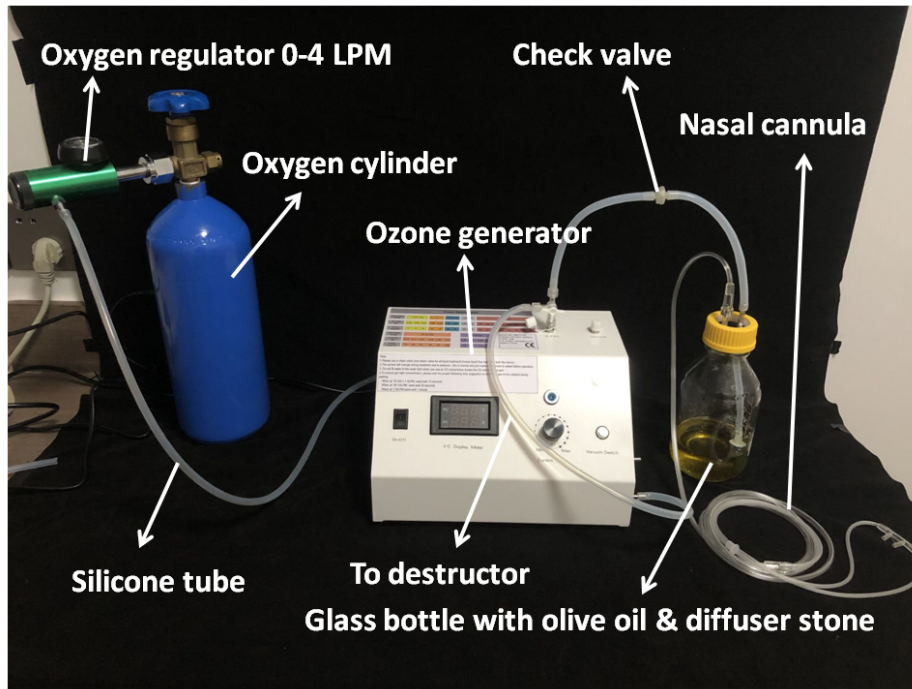
## Therapy Operation

Before make ozone, you need to decide the concentration you want. Once you select a power and concentration number you want , then rotate the switch and adjust oxygen flow accordingly. Here is the ozone concentration chart for your ref

Power Setting Table																	
Gas Flow (LPM)	1 1/2 (1.5)			1		3/4 (0.75)		1/2 (0.5)		1/4 (0.25)							
Current (A)	0.42	0.50	0.61	0.66	0.82	0.84	0.96	0.83	0.91	0.65	0.69	0.76	0.85	0.92	1.00	1.11	1.20
Conc. (ug/ml)	1	3	6	10	15	20	22	25	30	35	40	45	50	55	60	65	70
Gas Flow (LPM)	1/8 (0.125)						1/16 (0.06)										
Current (A)	0.72	0.77	0.83	0.90	0.95	1.03	0.82	0.91	0.96	1.13							
Conc. (ug/ml)	75	80	85	90	95	100	105	110	115	120							

## ● Sinus insufflations kit

Connection picture:



Operation video:

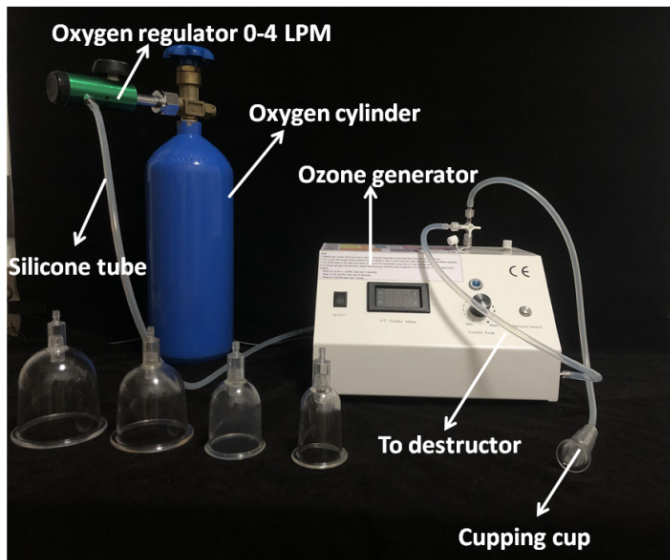
<https://youtu.be/nEF5Dt1Sqfg> (oxygen cylinder)

<https://youtu.be/XNyxRJDGDsg> (oxygen generator)

1. Fill the glass bottle olive oil to cover the diffuser;
2. Connect a check valve between ozone generator and glass bottle via silicone tube;
3. One end of silicone tube to the generator output with a luer lock;
4. Connect the nasal cannula at the other hole of the bottle;
5. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
6. Hold the nasal cannula to your nose .

## ● Cupping kit

Connection picture:



Operation video :

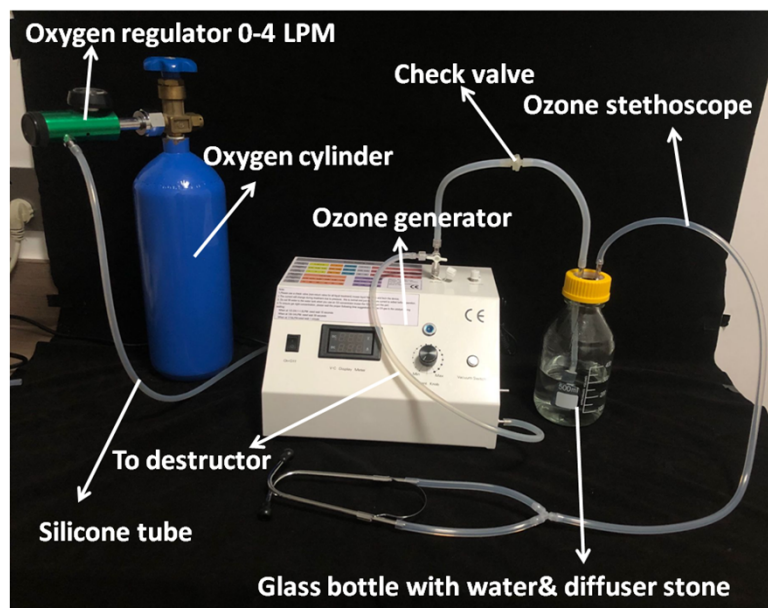
<https://youtu.be/iZSm83tbquo> (oxygen cylinder)

<https://youtu.be/tcG3MUevfMY> (oxygen generator)

1. Connect the end of cupping cup tube to the ozone generator out port ;
2. Turn the ozone generator on, set the oxygen flow and ozone concentration you need;
3. Put the cup to the body where need treatment.

## ● Ear Insufflation

Connection picture:



Operation video:

<https://youtu.be/Gr4uzYUv3Hg> (oxygen cylinder)

<https://youtu.be/fJmN8m0dnME> (oxygen generator)

1. Fill the glass bottle with water to cover the diffuser;
2. Connect one end of silicone tube to the generator output with a luer lock;
3. Connect the stethoscope at the other hole of the bottle;
4. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
5. Hold the stethoscope to your ear;
6. Please use a fan to blow on your face to prevent smelling too much ozone.

## Ozone limb bag

Operation video:

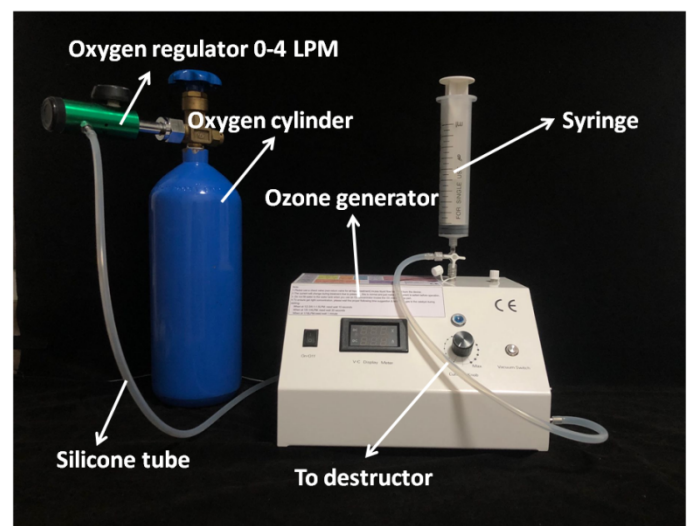
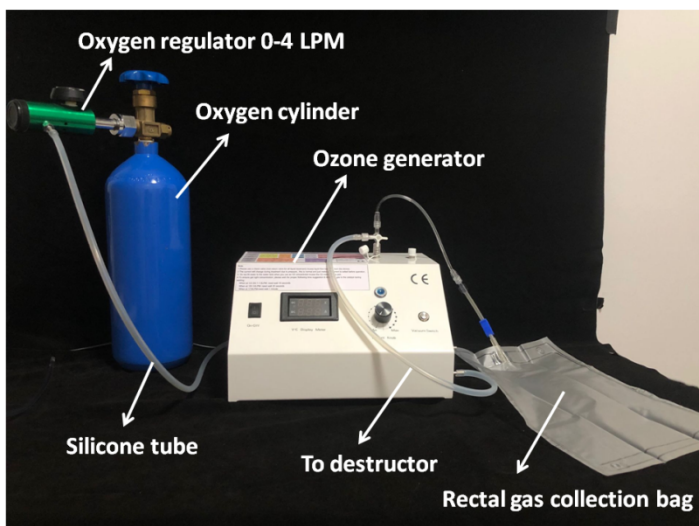
<https://youtu.be/EcPiOmLzfh4> (oxygen cylinder)

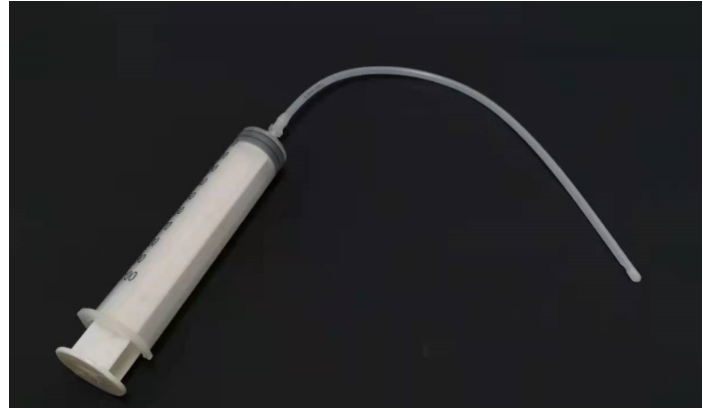
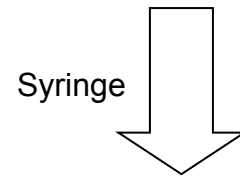
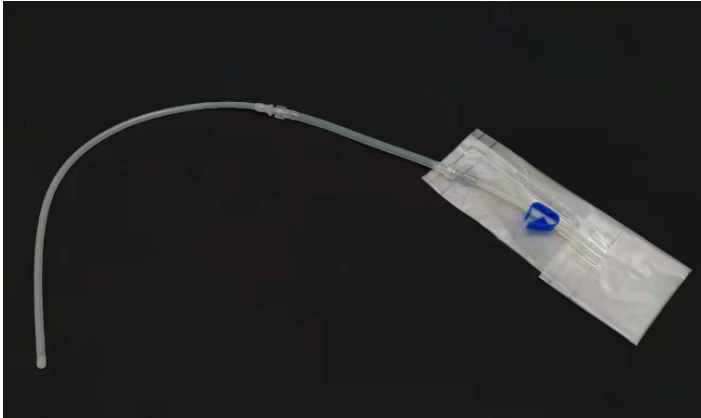
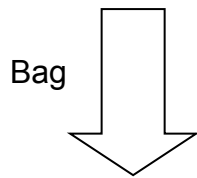
<https://youtu.be/izZQPIOfob0> (oxygen generator)

1. Put one of the PVC tube to the O<sub>3</sub> port ;
2. Put the other PVC tube to the vacuum port;
3. Put the end of the tube to the hole of the bag;
4. Put your arm or leg into the bag and suck the air out;
5. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
6. Fill the bag with ozone and 80-90% full is enough incase the bag open and leak;
7. Vacuum the limb bag again after treatment.

## Rectal insufflation

Connection picture:





Remark: Just replace the catheter for treatment next time.

Operation video:

<https://youtu.be/EOz3kLK6dbl> (oxygen cylinder)

<https://youtu.be/ySWYgd7btzU> (oxygen generator)

1. Connect the luer extension tube to the bag, and the other side connect to the ozone generator outlet port;
2. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
3. Open the ozone bag clamp and fill the ozone bag, when the bag full, close the bag clamp, turn off the ozone generator and oxygen;
4. Disconnect the ozone bag ;
5. Connector the catheter to the ozone bag ;
6. Smear some lubricant to the catheter head about 10cm;
7. Insert the catheter into rectum, open the bag clamp, press the ozone into your rectum slowly.

Or the other easier way

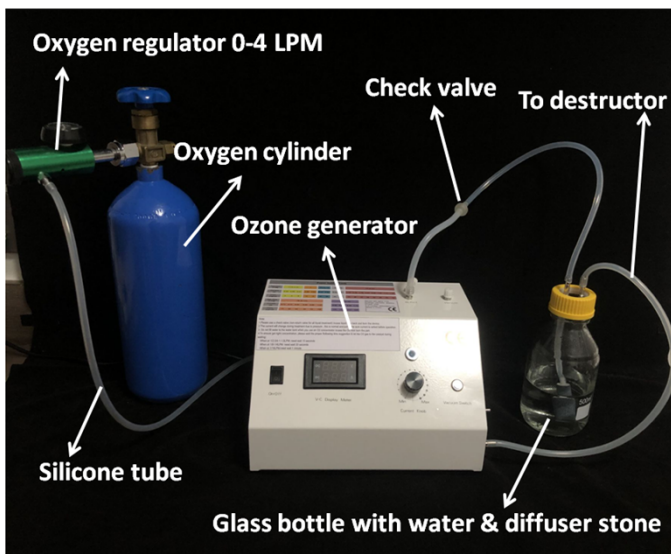
1. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
2. Put a 200ml syringe on the ozone generator output and fill ozone in it;
3. Smear some lubricant to the catheter head about 10cm;
4. Connect the catheter to the syringe;
5. Insert the catheter into rectum, press the ozone into your rectum slowly.

## Ozonated water/oil kit

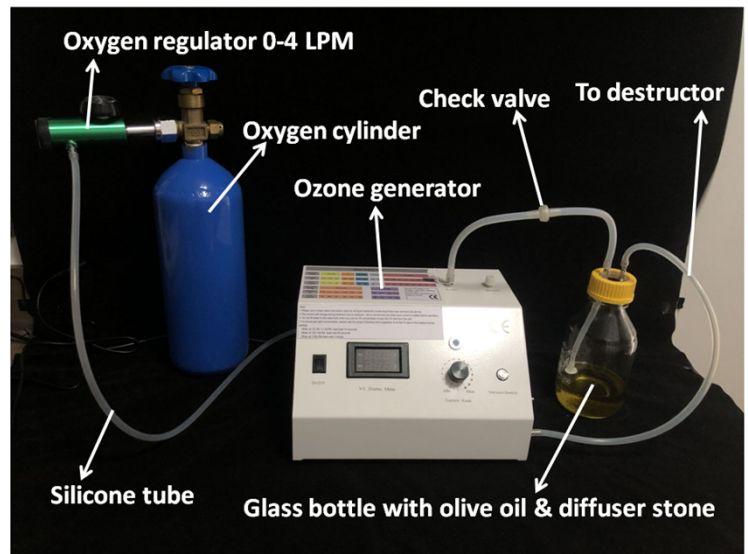


Connection picture:

Ozone water



Ozone oil



Operation video:

<https://youtu.be/WSfNQmmnrAc> (oil: oxygen cylinder)

<https://youtu.be/YlrR7axAF-o> (oil: oxygen generator)

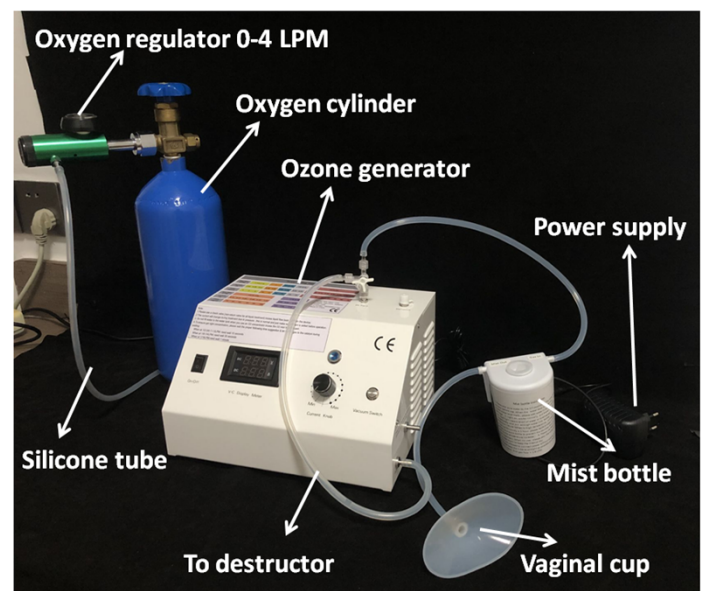
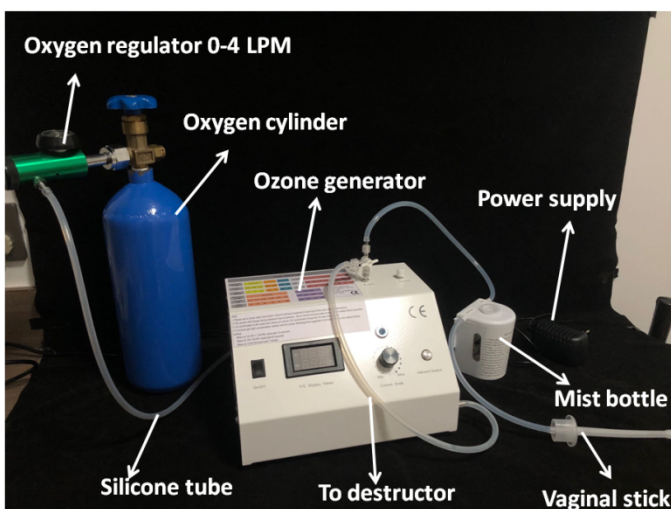
<https://youtu.be/MJefv-4TpV8> (water: oxygen cylinder)

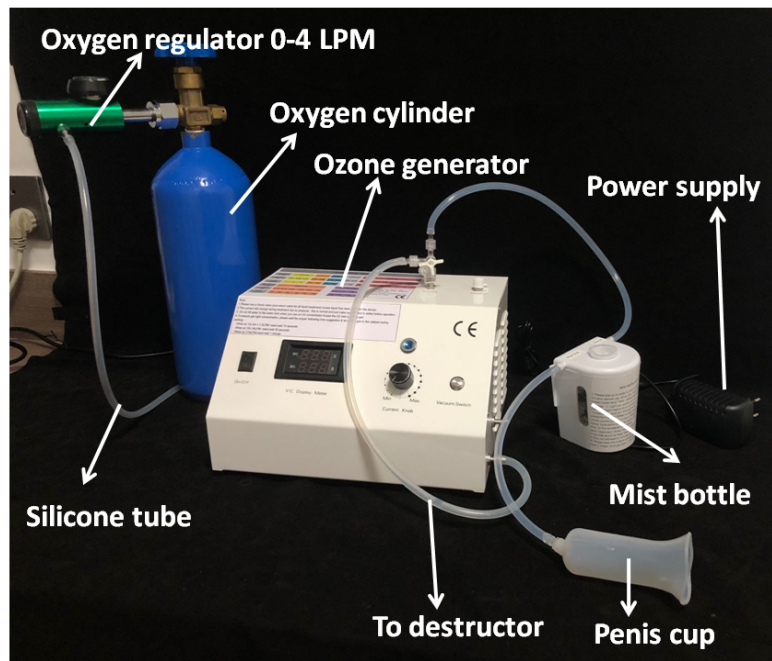
[https://youtu.be/\\_1MTYG\\_c1lc](https://youtu.be/_1MTYG_c1lc) (water: oxygen generator )

1. Fill the glass bottle water/oil to cover the diffuser;
2. Connect a check valve between ozone generator and glass bottle;
3. Connect the ozone in to one hole of the bottle;
4. Connect the other hole of the bottle to the destructor;
5. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;

## ● Vaginal/Penis insufflation

Connection picture:





Operation video:

<https://youtu.be/DAtUjD04Cv4> (oxygen cylinder)

[https://youtu.be/fAvY\\_mqtDx8](https://youtu.be/fAvY_mqtDx8) (oxygen generator)

1. Fill some water to the mist bottle (at the middle of bottle), connect power supply, light on;
2. Connect silicone tube to gas in and mist out port;
3. Connect the vaginal stick/vaginal cup/penis cup to the ozone mist out tube, attention for penis cup and vaginal cup, need use a female luer lock for connection;
4. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
5. Now you will see the mist and smell ozone, put the stick (need smear lubricant) / vaginalcup/penis cup to your reproductive organs.

## ● Male/female urological

Operation:

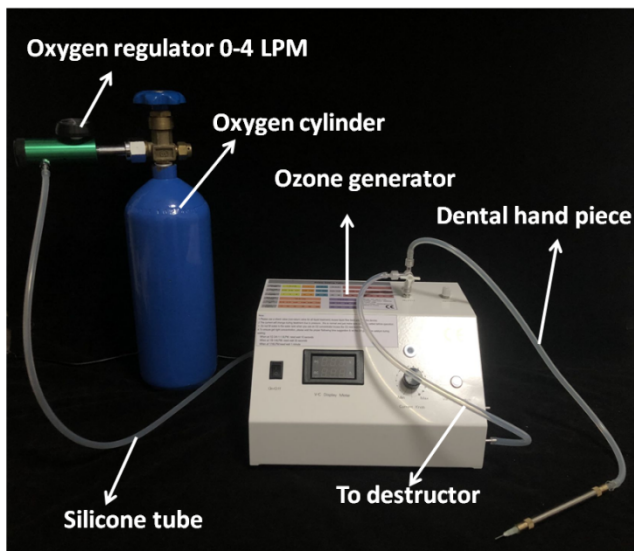
1. Fill the glass bottle 100ml water to cover the diffuser;
2. Connect a check valve between ozone generator and glass bottle;
3. Connect the the ozone in to one hole of the bottle;
4. Connect the other hole of the bottle to the destructor;
5. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
6. After ozonated water done, use it in 30mis;
7. Smare the whole 3 ways catheter with lubricant and insert into urethra;
8. Fill the 50ml syringe with ozone water , and infuse 30-40ml ozone water to the middle head of the catheter, then pull the catheter out till can't pull

- anymore slowly and gently to make the gasbag fasten in the right position of urethra (if the patient feels pain when pulled, please stop at once);
9. Fill the 10ml syringe with ozone water, infuse to the 10ml catheter head;
  10. Fill the 5ml syringe with ozone water, infuse to the 5ml catheter head;
  11. 15mins later, draw the 10ml and 5ml head water out, pull the catheter out slowly.
- Warning: the operation has risk, must need experienced doctor do this treatment.

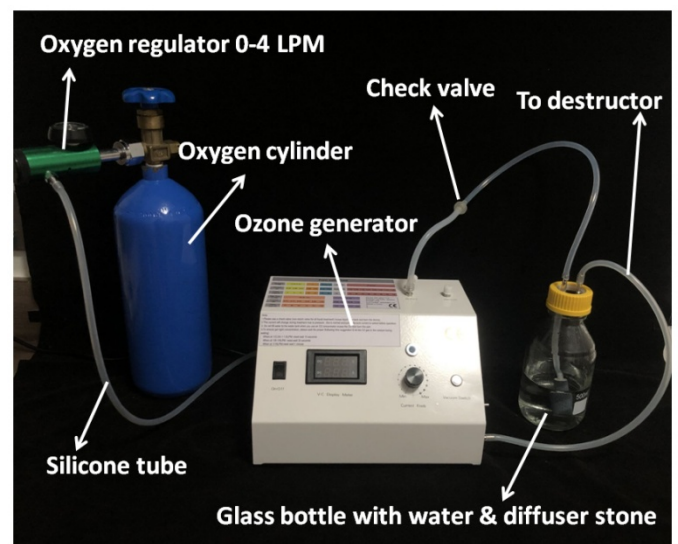
## Ozone dental

Connection picture:

Ozone gas



Ozone water



Operation video:

<https://youtu.be/8NITOrA-rPU> (oxygen cylinder)

<https://youtu.be/E70s3zLed4c> (oxygen generator)

Ozone gas

1. Connect end of hand piece silicone tube to the ozone generator output;
2. Turn the ozone generator on, set the oxygen flow and ozone concentration you need;
3. Fill the ozone gas in root canal.

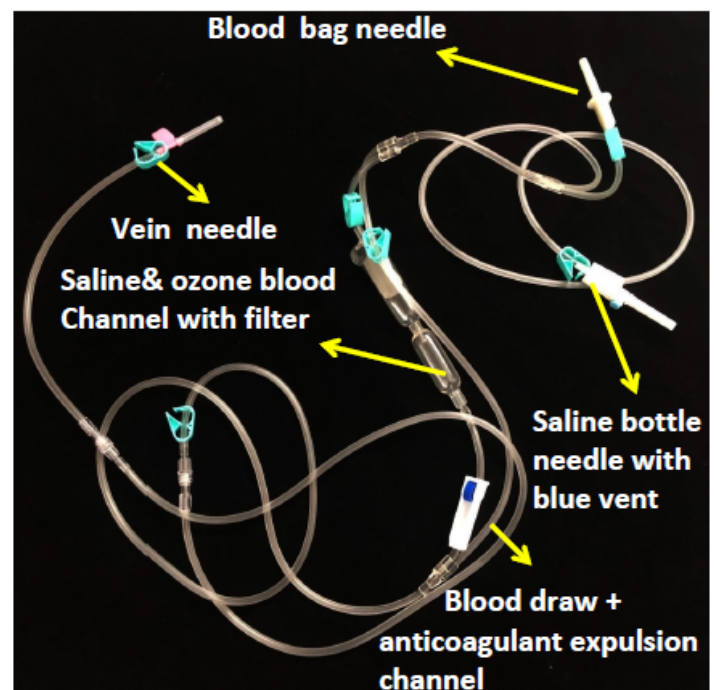
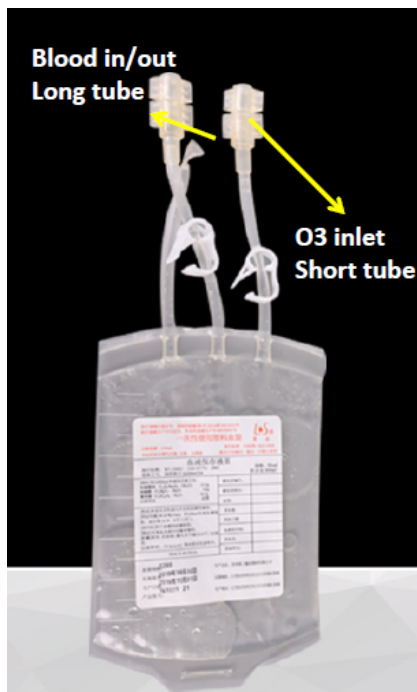
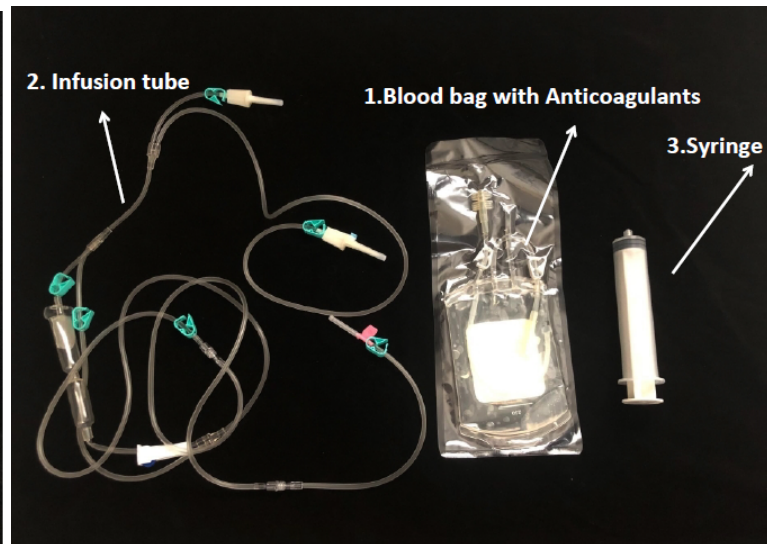
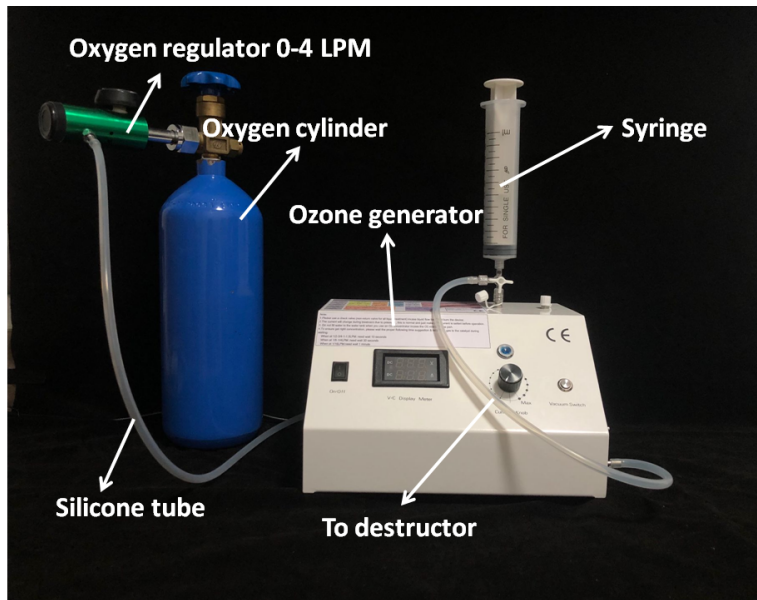
Water

1. Fill the glass bottle water to cover the diffuser;
2. Connect a check valve between ozone generator and glass bottle;
3. Connect the ozone in to one hole of the bottle;
4. Connect the other hole of the bottle to the destructor;

5. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
6. Ozone water done and use it to wash your teeth.

## ● Major autohemotherapy

Connection picture:



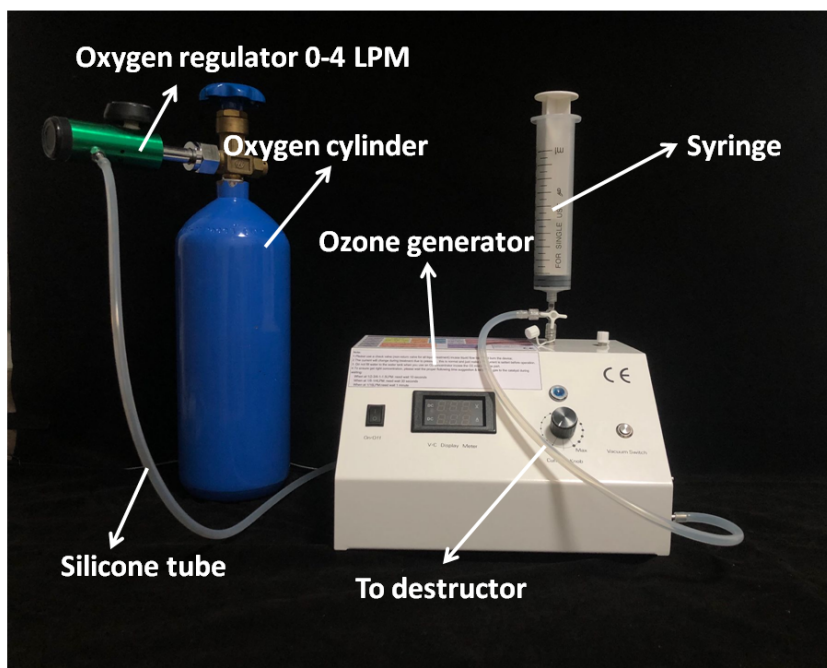
Operation video:

<https://youtu.be/JQ-8AE0Vabl>

1. Draw 150ml blood in a glass bottle/blood bag (Anticoagulant must needed in bottle/bag before draw the blood);
2. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
3. Fill the syringe 150ml ozone;
4. Infuse ozone into the blood bottle/bag ;
5. Shake the blood bottle/bag lightly for better ozone gas mixing for 5 mins;
6. Infuse the ozone blood back body in 8 minutes.

## ● Minor autohemotherapy

Connection picture:

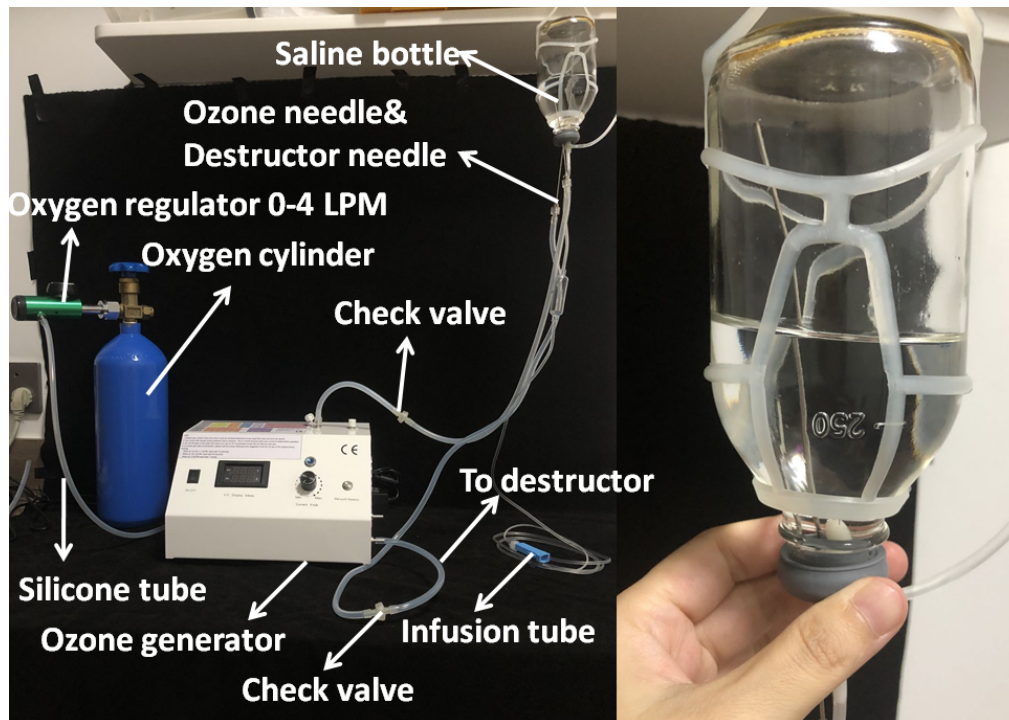


Operation :

1. Get 2pcs syringe ready;
2. Fill one syringe with blood, the blood volume to use varies between 2ml-10ml;
3. Fill the other syringe with ozone, the ozone volume is same as the blood volume, 1:1;
4. Infuse the ozone to the blood syringe and shake a few seconds for better mix;
5. Inject the ozone-blood back to human body.

## Ozone Saline drip

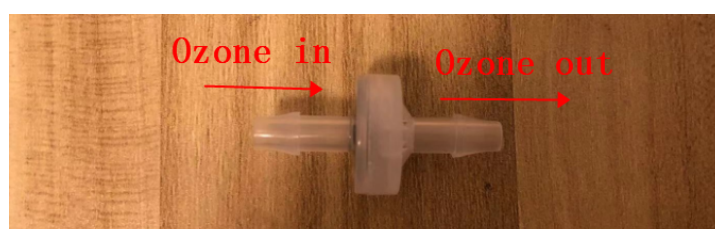
Connection picture:



Operation video:

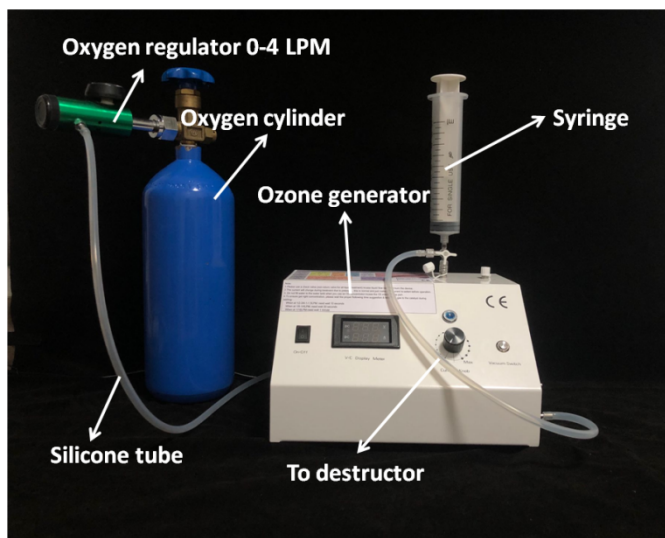
<https://youtu.be/4H-mo4KmA4g>

1. Get saline in a bottle ready and hang upside down in an infusion net;
2. Connect a check valve between ozone generator and saline bottle
3. Insert the shorter needle into the bottle, the saline must be cover the ozone needle;
4. Insert the longer needle into the bottle, connect a check valve between the bottle and destructor, the needle must be always higher than the saline, attention the check valve direction is different from the other one;
5. Insert the infusion kit to the bottle and the vein;
6. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
7. After ozone work 5 mins, open the infusion kit, let the saline infuse back to human body.



## ● Ozone joint injection

Connection picture:



Operation video:

<https://youtu.be/mBNZpelSfwk> (oxygen cylinder)

[https://youtu.be/i3U\\_4xh8ruo](https://youtu.be/i3U_4xh8ruo) (oxygen generator)

1. Get a 1-10ml syringe ;
2. Turn the ozone generator on, set the oxygen flow and ozone concentration you need ;
3. Fill ozone into syringe;
4. Inject ozone into the joint.

## Maintenance

### Cleaning

You can wipe down the exterior of the machine using a damp cloth. Be sure not to use excess water or to get any water on the unit.

### Ozone quartz tube & Ozone catalyst

If you find the ozone quartz tube is cracked or ozone catalyst is in low efficiency, you can easily replace it and contact us for replacements.

### Digital Display not work

1. Check the 3 ways stopcock direction if you use it cause wrong direction will no gas into the generator to change the current;
2. Change the ozone transformer and knob switch;

## Warranty

Your machine has one (1) year warranty from the date we ship. If you have any problem at all within a one year period after the purchase of your machine, we will send free spare part or replace it in necessary situation.