

TP-B2 Oxygen Concentrator
Instruction Manual

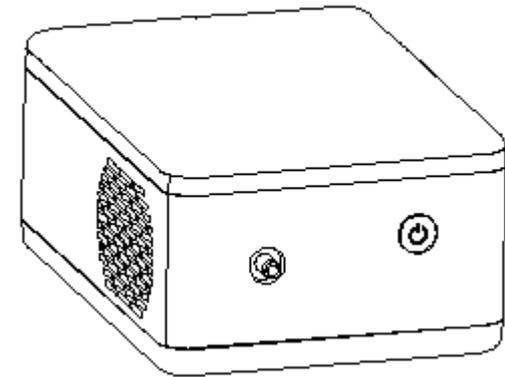


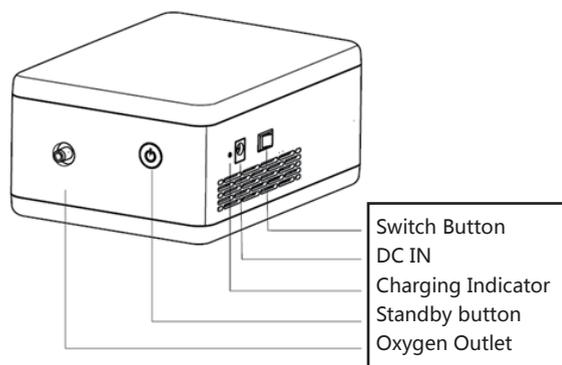
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【Product introduction/Main performance parameters】

- ◆ Product model: TP-B2
- ◆ Oxygen flow: 4L / min
- ◆ Oxygen concentration: $30 \pm 2 \%$
- ◆ Control method: manual control
- ◆ Output voltage: D C 1 6 .8 V
- ◆ Input Voltage: AC100-240V
- ◆ Rated power: $\leq 30 \text{ V A}$
- ◆ Item weight: 0.9kg
- ◆ Noise: $\leq 50 \text{ dB}$
- ◆ Optional battery: 6000 mAh

【Appearance and function parameters】



Dear Customer:

Thank you for your purchasing Oxygen Concentrator. We will be always with you to ensure a health-friendly atmosphere for your daily life and work. We appreciate your help if you tell us your opinions on the product and service.

Please read these manual carefully to understand quickly and thoroughly how to use the new machine. Look after this document so that you may consult it in future or pass it on to any future owner.

This document explains and stipulates the operating conditions and testing results of the performance properly, specifications, temperature and humidity of the oxygen concentrator.

Attention: This product cannot be used under the following situations:

- a) Other places outside this scope.
- b) Unintended use environment or scope of application.
- c) Unintended use method.
- d) Use unlicensed accessories.
- e) Safety or necessary components are missing or have failed.
- f) Unauthorized removal or modification of the product without permission.
- g) Do not comply with safety regulations or requirements.

Here, we cannot list all possible abnormal conditions. If you have any questions, please contact with us.

Instructions for use

- ◆ This product and its components should be carefully maintained to guarantee the product life and usable condition. And must insist on careful maintenance according to the prescribed maintenance period, especially in a bad working environment.
- ◆ If there is any problem with the product, Please contact with us in time.
- ◆ If there is uncontrollable adverse consequences or any danger by using the parts or accessories optional in our set, our company will not responsible for it.
- ◆ Our company has the right to change or improve the product without notice. For the products in market, we have the right to make some changes and take some improvement measures.

Safety Precautions

- ◆ The product should be paid special attention to avoid fire hazards when using this product. Any inflammable and non flammable material in the air will become highly inflammable and fast burning at high oxygen concentration. Star from security consideration, it should be far away from combustible materials for use and storage.
- ◆ The product should be far away from oil, grease, or oil material to prevent spontaneous combustion of oxygen concentrator. Please don't add any lubricants by yourself.
- ◆ Please do not put the product near strong electromagnetic field or electromagnetic interference source.
- ◆ Do not switch the product frequently, so as to affect the service life of the product.
- ◆ Do not disassemble the machine and replace any accessories without permission by professional, so as to affect product safety and effect.
- ◆ Keep the switch clean and clear.
- ◆ Do not block the oxygen inlet or put the machine on the soft surface.

【The meaning of Graphics and symbols】

Graphic symbol	Meaning	Graphic symbol	Meaning
	NOTE		KEEP DRY
	FRAGILE		KEEP UPRIGHT
	NO TURNING OVER		NO BURNING
	DC		AC
	ON		OFF

【Scope】

The product is suitable for homecare use, and in high altitude hypoxia areas, field travel health care, etc.

【Application】

It can relieve headaches caused by lack of oxygen, shortness of breath, chest tightness, anorexia, micro-burning, dizziness, fatigue, etc., as well as different symptoms such as purple lips, drowsiness, mental excitement, sleeplessness, indigestion, and diarrhea. .

It can alleviate the occurrence of physiological indicators such as heart enlargement (myocardial thickening), myocardial ischemia, hemoglobin exceeding the standard, splenomegaly and joints, as well as decreased lung capacity and blood pressure.

【Note】

- 1) This oxygen generator is not suitable for patients who are in urgent need of oxygen and critically ill patients, who have surgery or have no spontaneous breathing function.
- 2) please take other monitoring methods to ensure oxygen inhalation for those who are unable to effectively see or hear the alarm signal if they have an audio-visual impairment, or if they are unable to communicate with others, 3) please contact your doctor, if you have any unsuitable characteristics during oxygen inhalation.
- 4) The product should be used under the supervision if there are children or people with reduced mobility.

【Power ON&OFF and power supply usage】

- ◆ Please check whether the product is damaged before starting the machine. Check carefully before connecting the power cord, Then power on the device switch button.
- ◆ Please choose the following usage method according to the function of the purchased product.
 - 1)turn on/turn off
Power switch button to "I", when the device is power on, the light is red, the whole device is standby. Then press the standby button, the device starts to work, the indicator light is blue.
When turn off the machine, press the standby button first and it will stop running but it still power on. Then power switch button is set to "0" to turn off the whole power.
- ◆ When the battery is low, please connect the charger in time.

【usage of oxygen tube】

Please choose the following usage method according to the purchased product.

1.Usage of headset oxygen absorption

First connect the short pipe, water tank and the long pipe. Then connect the short pipe to the oxygen concentrator outlet and the long tube to the ear headset inlet. Last hanging on the ear. Headset outlet should be at left. Adjust it until in proper position.



2.Usage of oxygen mask

First connect the short pipe, water tank and the long pipe. Then connect the short pipe to the oxygen concentrator outlet and the long tube to the mask inlet, last hanging the mask. Adjust it until in proper position.



3.Usage of oxygen nasal cannula

First adjust cannula' s position march nose. Hang tube on both ears. Connect tube to oxygen concentrator outlet, march the position of nose again.



Precautions 【Usage precautions】

- ◆ Read 【Safety Precautions】 .
- ◆ Do not turn off the power supply directly. If you want to stop the working, please press the standby button, then the machine is in standby mode.
- ◆ Keep the fan and air inlet clear from obstacles, avoid blocking the wind-gap and damage the device. Lower temperature and higher temperature will damage the device.
- ◆ The device should be far away from the fire source and high temperature area. Do not turn on the device when the ambient temperature is higher than 45 ℃ , Otherwise, it would be possible to damage the device. And the performance of the device will decline below 5 ℃ ,.
- ◆ Prevent any liquid substance from entering the appliance. Turn off the device immediately if splashing into non-conductive liquids, then turn on the device after make it dryer. Turn off the device immediately if splashing into conductive liquids, then contact with professionals. appliance and contact competent technicians for repair.
- ◆ If you have any questions, please contact the supplier in time.

If you disobey the above precautions and correct usage of the device, we will not be liable for quality responsibility.

Maintenance

【Maintenance method】

- ◆ Daily maintenance
 - (1) Please maintain the device by professionals who are trained by manufacturer, No qualified person and people who have not been trained and assessment by the manufacturer can not make the maintenance, so as not to damage the device or cause personal injury.
 - (2) It is necessary to turn off the power supply during maintenance and repair (Except for charged maintenance);
 - (3) If keep turned off the power supply if the device is not used for a long time; Keep it working for 2 hours every two weeks, in order to check if the device is running normally, then make the maintenance.
 - (4) Please clean the appearance at least once a month and clean the device once a quarterly, to reduce the malfunction and prolong the life of the device;
- ◆ Cleaning method

Please keep the device clean. If the device is a little dirty, wipe it with dry soft cloth. If the device is very dirty, wipe it with soft cloth with water or neutral detergent, then dry it. If necessary, you can gently wipe it with the absorbent cotton with dipping alcohol and disinfect the device(expect the parts of the panel, nameplate and trademark screen).
- ※No water or other liquid can be penetrated inside the device; Please turn off the power supply when cleaning up to avoid electric shock; Please do not unlock the device shell when using and cleaning.

Trouble shooting

【Common Trouble shooting】

No.	Symptom	Problem Cause	Solution
1	The device does not work	The battery is out of power The plug is not connected	Check if the plug is connected to the power supply. If necessary, please pull it out and reinsert it.
2	Extreme temperatures in shell	Check the coolant channel	Replace the air filter
3	Extreme temperatures in device	Check the air inlet	Put the device on a ventilated area
4	The battery does not work	Check if the charger or battery is damaged	Replace the battery or charger
5	The device has strong vibration	Check if the device is put on an uneven surface	Put the device on a suitable place

Storage and use conditions

【Normal working environment conditions】

Working environment temperature: $-5^{\circ}\text{C} \sim 45^{\circ}\text{C}$

【Transport and storage environmental conditions】

Ambient temperature range: $-40^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Relative humidity range: $10^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (no condensation)

Store in a non-corrosive gas and well ventilated room, avoid violent vibration during transportation.