



Kingon P2

**Portable
Oxygen Concentrator**

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PART 01

Kingon P2 Tech. info.



Kingon P2 portable oxygen concentrator is designed to supply more oxygen to patients, use molecular sieve to produce the oxygen and purify oxygen from the air, with a PSA technology and pulse dose flow mode, powered by lithium battery or AC/DC power supply, easier and more convenience for patients to use on-the-go or at home.





Item	Specification
Dimensions	L/W/H:8.70in.(22.1cm.)/3.35in.(8.5cm.)/6.30in.(16.0cm.)
Weight	4.37pounds /1.98Kg (with battery)
Display screen	2.8 inch large LCD color display scree
Sound Level	49 dB (A) (on setting 2)
Warm-Up time	2 minutes
Oxygen Concentration	90% - 3% /+ 6% at all settings
Oxygen flow	Pulse dose delivery system Five flow settings: Setting flow 1 is 210ml/min; Setting flow 2 is 420ml/min; Setting flow 3 is 630ml/min; Setting flow 4 is 840ml/min; Setting flow 5 is 1000ml/min
Power	AC Power Supply 100-240V, 50-60Hz (auto sensing to allow worldwide use) Voltage: 14.4VDC Roted capacity: 6.8Ah
Battery	Duration: up to 5 hours Recharge approximately 4 hours with AC/DC power; Around 2.5 hours by battery charger
Operation	Simple control functions and easy-to-read LED display
Use	Designed for 24/7 use
Warranty	3 years warranty for device, 1 year for sieve bed and battery
Inspiratory Trigger Sensitivity	≤ 0.12 cm H2O

PART 02

Feature & Advantage



Kingon P2 feature

Weight: 1.98Kg



01

Elegant design

Smallest size

Lightest with only 1.98kg



Size: 22.1*16.0*8.5 cm



Kingon P2 feature

02

Designed for 24/7 use

2.8 inch larger display screen

24 types alerts

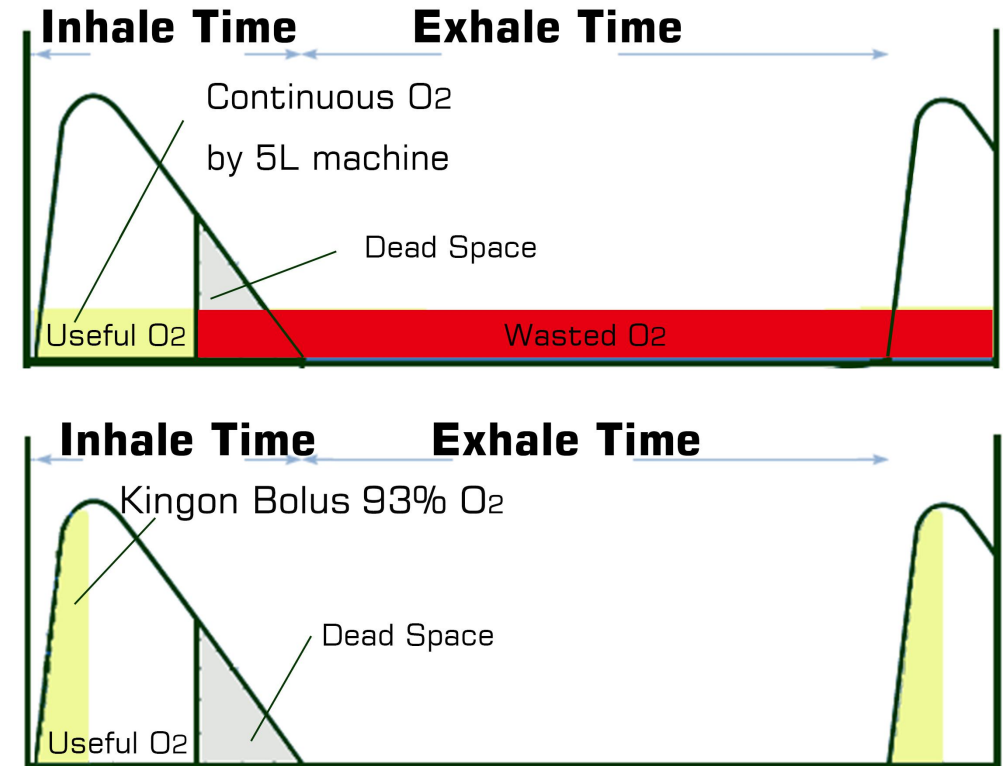


Kingon P2 1L is Equivalent to 5L

Continuous Flow O₂ Utilization: 20%

Continuous **VS** Pulse Dose

Kingon Pulse Dose O₂ Utilization: 100%



Kingon P2 Advantage



04

Oxygen purity is 90%-3%+6%

From 1-5 setting flow, meeting different oxygen demand

A 3 years warranty for equipment

Kingon P2 Advantage

05

Battery duration up to 5 hours

Imported main components



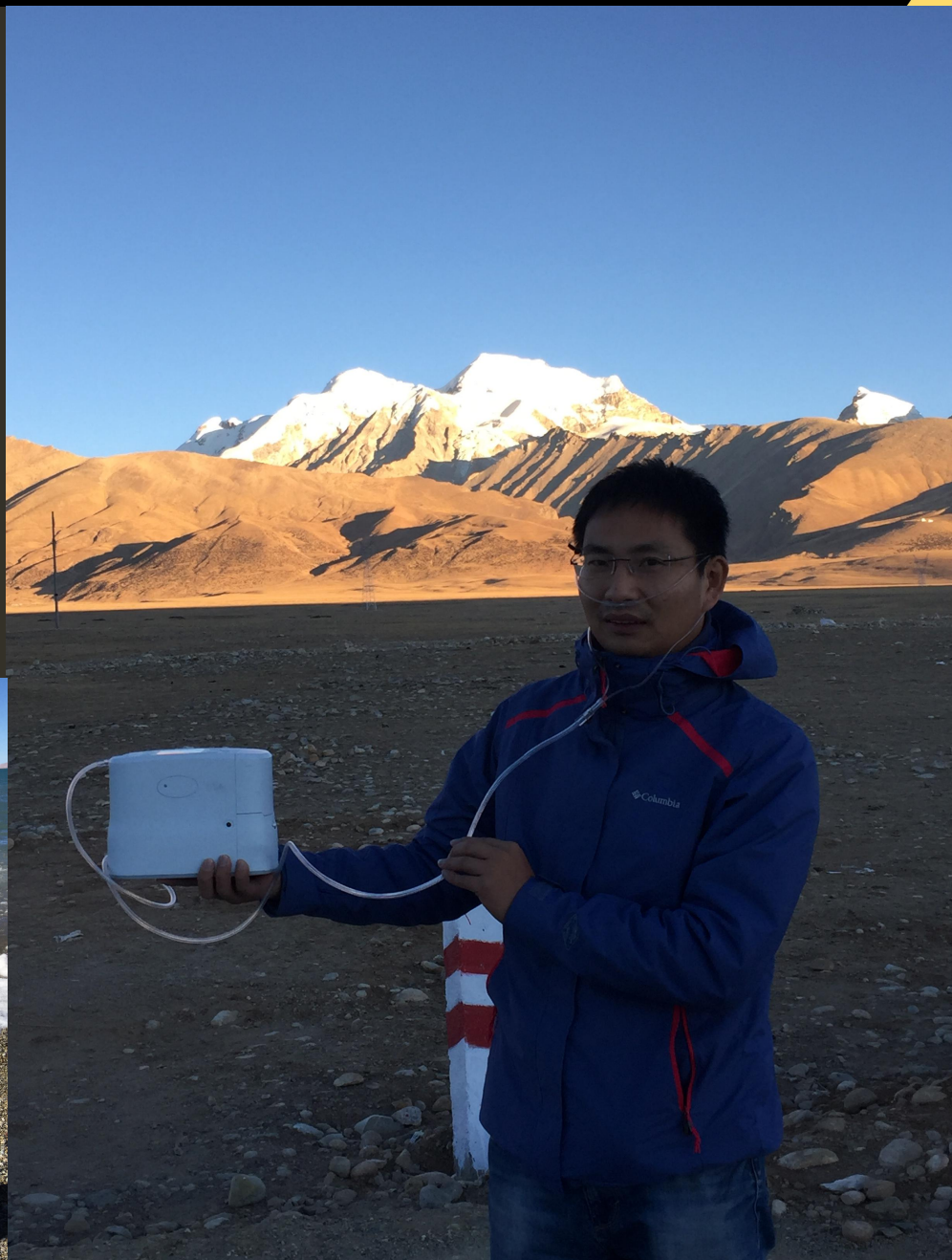
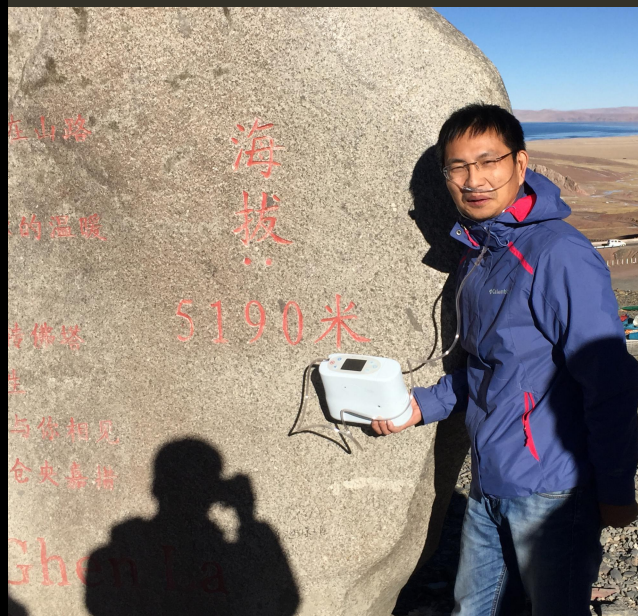
Component	Place of Origin
Molecular Sieve	US
Sensor	US
Battery Chip	Japan
Fan Cooler	Japan

Setting flow	Battery duration
Setting flow 1	5 h 00 min
Setting flow 2	3 h 50 min
Setting flow 3	3 h 00 min
Setting flow 4	2 h 00 min
Setting flow 5	1 h 40 min

Kingon P2 Advantage

06

Can be used at
5000 m high altitude



PART 03

Application



Kingon P2 Application

The users :

The COPD patient
Elderly
The young
The high-stress people

The usage scenarios :

In the car
Go fishing
Do exercise
Go hiking
Bicycle riding
Travelling
At home

...



PART 04

Certification



Kingon P2 Certification & Patent

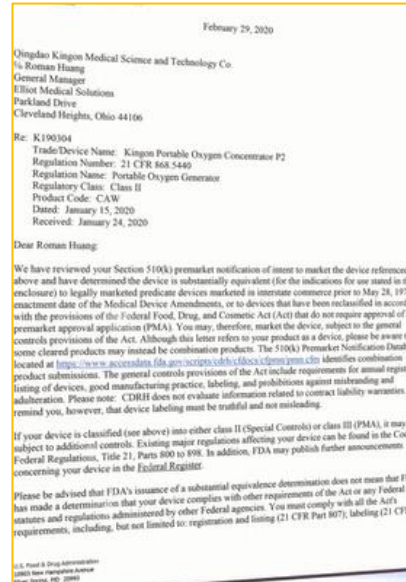
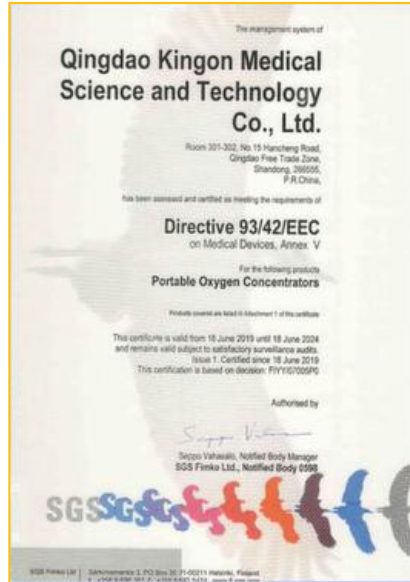
Kingon P2
approved by
all cert.



ISO13485



Kington P2 Certification & Patent



Kingon P2 has

Utility model
patent

industrial design
patent

Invention patent

PART 05

Kingon P2 operation



Kingon P2 Operation

Find a well location and keep the intake and exhaust with clear access to place the Kingon P2



Horizontally slide the battery into place until the latch returns to the upper position along with a audible sound.

Plug the power supply AC cord into the nearest electrical outlet.



Connect the AC power to Kingon P2. The green LED on the power adapter will be ON and the concentrator will generate a sound of beep.

Kington P2 Operation

Press the ON/OFF button for one second, a sound of beep and the indicator light's flashing will turn on. A two-minute warm up time will initiate.



Change the Kingon P2 concentrator setting to the flow rate prescribed by your physician or clinician. Press the + or - setting buttons to adjust the Kingon P2 to the desired setting.



Join the nasal cannula to the nozzle fitting by end connector. Ensure that the cannula is routed to prevent it from being pinched or kinked to avoid a disruption of oxygen flow.



Long press the ON/OFF button for 3 second to shut down the oxygen concentrator

PART 06

Kingon P2 accessory



Kingon P2 Accessories

Standard package

Kingon P2

Carry Bag * 1pc

Nasal Cannula * 1pc

Battery * 1pc

AC Adapter * 1 pc

DC Adapter * 1pc

Filter * 1 set

User manual * 1 set

Optional Accessories

External battery charger

Backpack

Sieve bed



PART 07

FAQ



Frequently Asked Questions (FAQ)

FAQ ➡ About parameter



Q: What is the device weight?
Do you have a bag?

A: The weight of Kingon P2 is 1.98kg with battery.
Yes, we provide carry bag and backpack for you, and the carry bag is standard package.



Q: What's the sound level?

A: It's 49 decibels @ setting 2, and the noise can be ignored compared with environment outside after testing.



Q: Does battery need to maintain?

A: Yes, the battery need to maintain every 3 months, charge the battery to 100%, and discharge to 40%-60%.



Q: Is it a medical equipment?

A: Yes, it's the II medical equipment



Q: What's purity? Is the purity same at all settings ?

A: The oxygen purity is 90%-3%+6% at all settings



Q: Can it be used in the car?

A: Yes, sure, and we will provide a Car adapter as a standard package.



Frequently Asked Questions (FAQ)

FAQ ➡ About parameter



Q: What's the standard package?

A: Kingon P2 ; Battery*1pc ; Carry Bag*1pc
Nasal Cannula*1pc ; AC Adapter*1 pc
DC Adapter*1pc ; Filter*1 set
User manual*1 set



Q: Can it be used for 24 hours?

A: Yes, it's designed for 24/7 use



Q: How long can the battery be fully charged?

A: No more than 4 hours, and it also can be charged
by our battery charger with only 2.5 hours.



Q: How long can the battery last?

A: Up to 5 hours, subject to the settings,
it lasts for 5 hours at the 1st setting



Q: Can it connect the ventilator to use?

A: No, we can not connect the ventilator to use



Q: Is the battery removable? Can I have 1 more battery?

A: Yes, removable for battery. We
suggest to buy 1 more battery
as backup.



Frequently Asked Questions (FAQ)

FAQ → About warranty and consumables



Q: What about the warranty?

A: Our warranty is 3 years for device,
1 year for battery and sieve bed



Q: What's the life-span for the device?

A: The expected life-span of device is 5 years



Q: Why can't the device supply the oxygen after you turn on at the early 2 min?

A: The warm up time is 2 min once you turn on the device, and the device will adjust various indicators accordingly. It takes a certain time for the oxygen concentration to reach more than 93%.



Q: What are the consumables?

A: The battery, sieve bed, nasal cannula and filter cotton



Q: How often will replace the sieve bed and filter cotton?

A: The sieve bed can be replaced once a year, and suggest to replace the filter cotton once a week



Q: What's the life-span for battery?

A: The battery is expected to have a life-span of 500 times full charge/discharge cycles



Frequently Asked Questions (FAQ)

FAQ ➡ Others



Q: Will there be any conditions that can not work?

A: The device will be inspected for a long time before shipment, including incoming materials inspection, semi-finished product inspection and finished goods inspection, and will not appear suddenly if you maintain it well. But it may not work well if the device is in extremely high or low temp. range or blocks the air exhaust/air intake



Q: Can I use it on the aircraft ?

A: Yes, sure, it's approved by FAA certificate



Q: Does Kingon P2 need water?

A: No, it doesn't. Only chemical oxygen generators require water, but we use molecular sieve to produce oxygen and purify oxygen from the air, so we don't need water.

Actually, the chemical oxygen generators add water to humidify the surrounding air, but P2 supplies oxygen in a pulse dose way instead of continuous mode, so the humidity is on the same level of the surrounding air, so no additional humidification is required.





THANK YOU

Mar. 18, 2022