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Intended Use

- Regularly check lung function measurements and other logged data from ezOxygen App of your devices to keep yourself in the best health status.
- Connect your devices by Wifi to synchronize and assess the logged data from ezOxygen App to gain instant lung function measurements.
- ezOxygen offers the real-time local weather report and air quality level for your test references.
- Monitor the progress and improvement of your physical condition of test history from ezOxygen App.
- Social media function features which allows you you closely monitor your family members' physical status.
- Emergency Use feature guest usage, but the measurements data won't be kept in ezOxygen Cloud Servers.
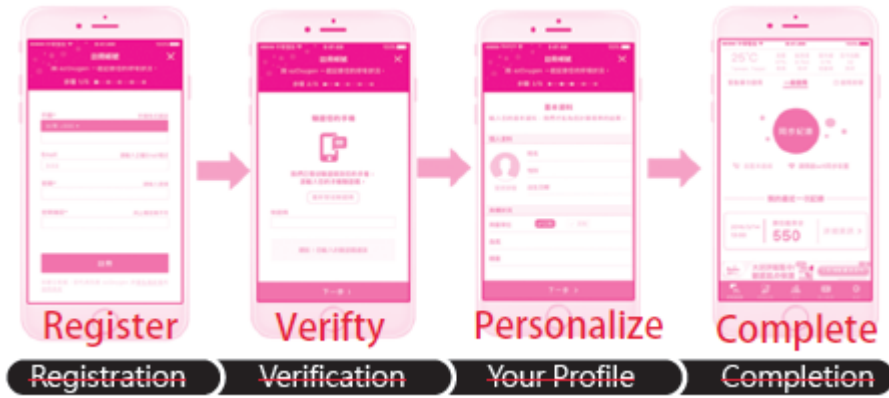
Setting up your device

a. Download the ezOxygen App from the iOS App store or Google Play Store.
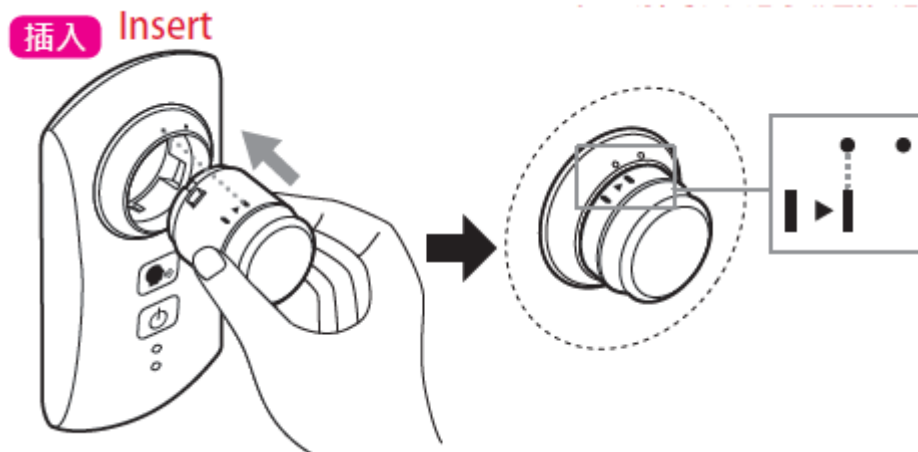

Setting up your device

b. Device Registration

Register — Registration
Verifty — Verification
Personalize — Your Profile
Complete — Completion

** After completing all the necessary settings on your devices, you could start using ezOxygen breathe checker then press sync button on the App to upload lung function measurements and other logged date to ezOxygen Cloud Servers via Wifi.

Device Preparation

a. Insert a new disposable ultrasound emitter with mouthpiece by sliding through the main unit, and then turn the disposable ultrasound emitter with mouthpiece clockwise until it locks firmly into right place.
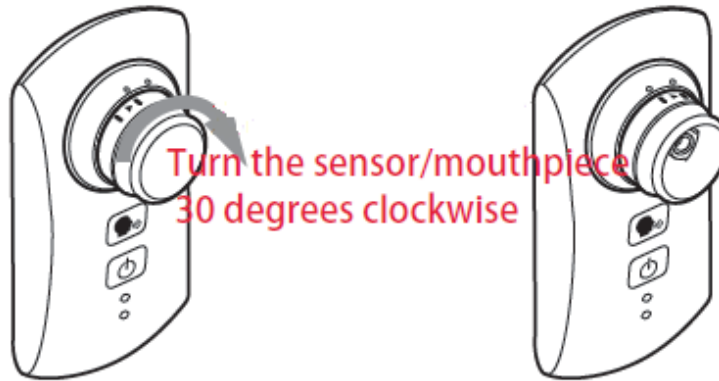

Device Preparation

b. Turn the sensor/mouthpiece clockwise to ensure it locks firmly on the main unit.

Turn clockwise   Locked

Turn the sensor/mouthpiece 30 degrees clockwise

Device Preparation

c.   Press the ⏻ "Power Button" and wait for 30 sec, then the "Blue LED Light" will start to flash. It means you could proceed the next step (Note: If you would like to turn off the power, please hold the "Power Button" for 6 sec till the "Blue LED Light" goes off.

d.   Now press the "Start Button" and when this indicator starts flashing rapidly, you could initiate your first test/lung function measurement.

e.   Stand still and hold the ezOxygen horizontally, and take a deep breath then place the sensor/mouthpiece in your mouth and exhale the air out of your lung blow as hard as possible into the sensor. DO NOT COVER THE VENTHOLE!
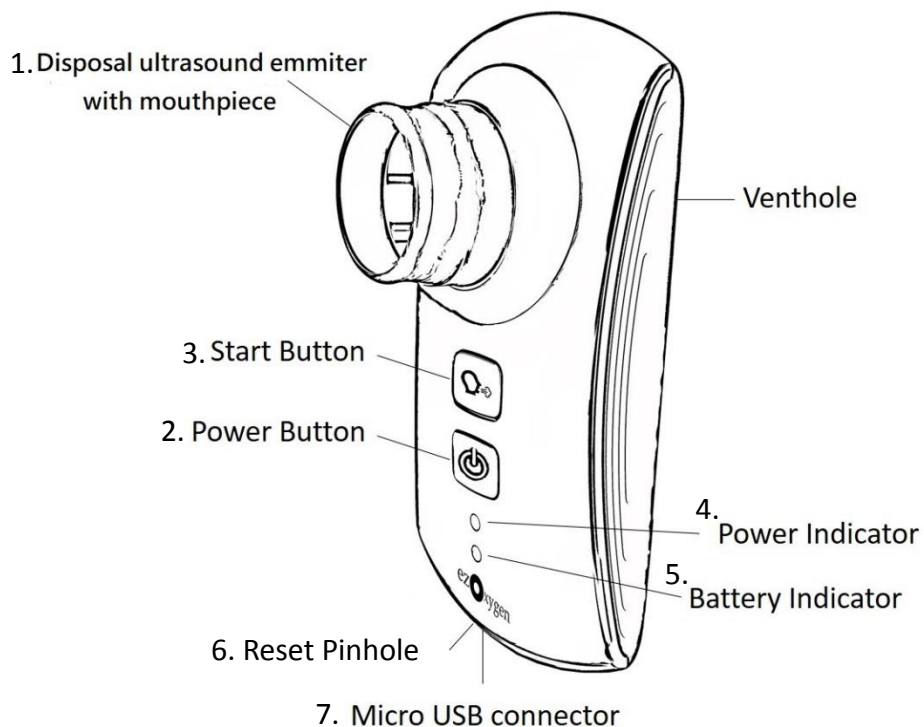
(See Fig. 1)

Fig. 1

Device Preparation

f.   Take a brief rest for 15-30 sec, then you could repeat the same procedure as the first step twice.

g.   Once you have performed all the tests in this session, the measurement results will be logged and simultaneously synchronize the data with ezOxygen Cloud Servers. The best test result and other history records will show on the ezOxygen App, you could check it anytime and anywhere.

h.   Charge and monitor the battery
     Once the battery power is less than 20%, Blue LED Indicator will start flashing slowly, then connect ezOxygen to a power outlet using Micro USB power adaptor.
     ** LED lights on RED: Charging
     ** LED light on Green: Fully Charged

ezOxygen

1. Disposal ultrasound emmiter with mouthpiece

Venthole

3. Start Button

2. Power Button

4. Power Indicator

5. Battery Indicator

6. Reset Pinhole

7. Micro USB connector

Reset Button Pinhole

Micro USB Connector

LED indicator and Button Control Summary

Button	Description	LED indicator	
		4. Power Indicator	Battery Indicator 5.
2. Power Button	Press the "Power Button" to turn on ezOxygen Breathe Checker	The Power Indicator light will stay in blue color	
	Press and hold the "Power Button" for 6 secs to turn it off	The Power Indicator light will go off	
	After pressing the "Power Button" for 30 secs, the device will shift into "Ready Mode"	The Power Indicator light will flash in blue color	
3. Start Button	Press the "Start Button" to proceed the lung function test	The Power Indicator light will flash rapidly in blue color	
Charge & monitor the battery	Low Battery notification only appears when battery remaining 20%	The Power Indicator light start flashing slowly in blue color	
	Charging		The Battery Indicator light will appear in red color
	Fully Charged		The Battery Indicator light will appear in green color
Reset Pinhole	Insert a clip or a pin into the ezOxygen's reset pinhole, located on the bottom of the device next to the Micro USB connector to reboot the system		

Specification

Product name	ezOxygen
Weight (include battery)	102 g
Battery	Rechargeable lithium battery，720 mAh
Size	123*66*25 mm
Measuring method	Ultrasound
Measuring range	PEF (50 L/min~900 L/min) FEV1 (0.01 L/min ~9.99 L/min)
Accuracy	PEF ±25 L/min or ±12% reading, whichever is greater FEV1 ±0.1 L/min or ±5% reading, whichever is greater
Storage Temperature	-20℃-60℃ (charging) -20℃~30℃ (battery is not charging)
Storage Humidity	45-85%RH
Operational Temperature	Charging:0~ 45℃ Operation：-20~ 60℃
Operational Humidity	45-85%RH
Transmission	WiFi 802.11 b/g/n

FCC Statement:

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/ TV technician for help.

CAUTION:
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF exposure warning
The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

Contact us

ez**O**xygen

User Manual

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