

User's Manual

Precaution

1. To ensure the accuracy of the measurement of the device, please fully charge the device before using it for the first time or after it has not been used for a long time. (It is estimated that it will take 1 hour to fill)
2. Please open the cover of the device before turning on the device.
3. Testing in an environment with obvious peculiar smell (such as fragrance, poor ventilation, etc.) will interfere with the accuracy of the equipment; please test in a well-ventilated and odor-free environment.
4. Please keep your mouth clean before use. The following conditions may affect the test results: eating snacks / brushing teeth / drinking alcohol or beverages / smoking / applying lipstick / spraying perfume.

Instruction

1. Turn on the phone's Bluetooth, open the APP, and follow the APP prompts to bind the device.

Note: Before connecting the new mobile phone, the user needs to unbind the old mobile phone to connect to the device. (Each device has an independent S/N)

2. Open the device cover and buckle down to install the mouthpiece.
3. Press the power button until the background light is on and emit a long beep sound.

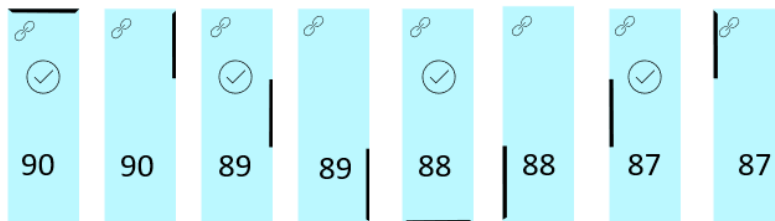
Note: When the device is turned on, the device will automatically turn on Bluetooth (the Bluetooth icon will keep flashing) until the connection is successful. After the connection is successful, the icon will always be displayed, and the user must press the switch button to enter the preheating mode. If it fails to connect to Bluetooth, the user can also press the switch button to enter the pre-heating state of "non-connected mode" for detection, and the Bluetooth icon will extinguish. If the user does not press the switch button, it will automatically shut down after 30 seconds.

Note: If you need to shut down, press and hold the switch button for 3 seconds.

***The outer loading bar shows the power status until the warm-up mode.**

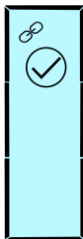


- The preheating time is 90 seconds,  will keep flashing. When the preheating complete, there is a long beep sound. The following is the preheating cycle diagram.



- After the preheating is completed,  is always on. If the user presses the switch button to start the breath test,  will extinguish.

Note: If the user does not press the switch button, it will automatically shut down after 30 seconds



- There will be an icon  display during the breath test, and the blowing time will count down from 20 seconds. The user can start to blow, being careful not to wrap the vent. During the countdown of the last 5 seconds, the device will emit a beep sound every second. When the test is completed, the device will emit 2 beeps.



- After the blowing is completed, the device starts to calculate the result, and the result will be displayed on the display in real time. If you need to test again, press the button to restart.

Note: If the user does not press the switch button, it will automatically shut down after 30 seconds



Charging

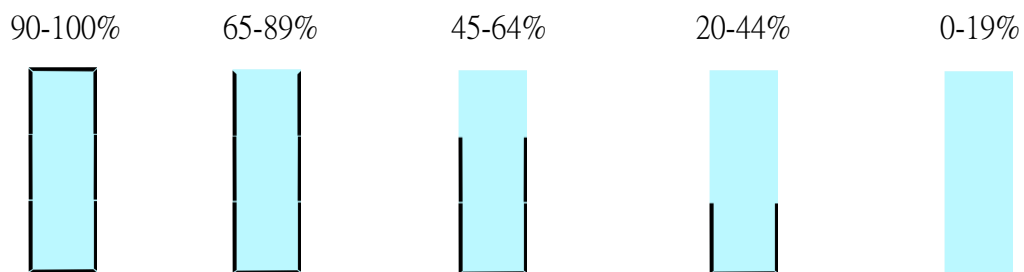
1. When charging, you need to press the switch button to see the charging dynamic icon. The charging dynamic icon will remain on until the charging is completed. The LCD will display the battery level after charging if you unplug the Type-C charging cable.
2. Please use Type-C charging cable. (Please pay attention to use a suitable adapter when charging)

Input: 5V/1A

Temperature during charging: 0°C~45°C

Charging time: about 1 hour

The following is the battery charge percentage



3. To ensure the accuracy of the measurement when using the device for the first time, please charge it for more than 1 hour before turning it on.

Cleaning

Equipment Cleaning

1. The main body of this equipment is not waterproof, please do not wash it with water.
2. If there is dust or stains, wipe the device with a clean dry cloth or a damp cloth that has been wrung out.
3. When cleaning, be sure to shut down the device and unplug the power adapter.
4. Do not use any detergent for cleaning.
5. Do not use disinfectants containing volatile substances such as alcohol for disinfection. Volatile substances such as alcohol will affect the equipment detection.

Mouthpiece Cleaning

1. The mouthpiece part can be reused and can be detached and washed separately after use.
2. After washing with water or cleaning with a disinfectant, please put it in a cool place away from sun light to fully dry before installing it on the equipment.

Storage

1. Storage conditions: Temperature: $-20^{\circ}\text{C} \sim 45^{\circ}\text{C}$
Relative humidity: 45%-90%R.H. non-condensing
Atmospheric pressure: (70.0 ~ 106.0) kpa
2. The cleaned equipment must be thoroughly dried and stored in an environment that meets the requirements.
3. Avoid the main body from falling and bumping during storage to avoid damage.
4. Avoid direct sunlight, store in a well-ventilated, non-corrosive gas, away from heating devices and flames.

Product parameter

Equipment diagram:



Product Name: KetoAir Ketone Breathalyzer

Model: KetoAir - 01

Size: 2.32 x 2.05 x 12cm (W x D x H) (Equilateral hexagon)

Weight: (Unknown)

Shell Material: PC 940A (Polished high-gloss surface, fire-resistant HB)

Mouthpiece Material: PP 3015 Food Grade

Sensor Technology: High-precision acetone sensor

Unit of measurement: PPM (Parts per million)

Error Rate: ± 0.3 SD (0-40 ppm)

Warm-Up Time: 90s

Blowing Time: 20s

Display: 27*9mm Blue STDN LCD Display

Battery: Built-in rechargeable 210mAh LiPo battery

Models: Bluetooth 5.2 BLE (BK3633 Dual Mode)

Charging: IC CC -210mAh

Input: 5V/1A

Protector: Battery overcharge and over discharge protection

Charging IC Standard : MicrOne, ME4057

The function definition of the buttons: Please refer to the instructions for use. The whole device has only one button, and its main function is to turn on, turn off and confirm to start blowing.

Bluetooth function definition: Bluetooth is mainly used to connect mobile apps and transfer

results. The current chip is Bluetooth 5.2 standard.

Data storage: Flash memory is not used, data will not be stored in KetoAir, and the analysis results will be sent to the App for display in real time. All records are stored in the App.

Material Safety Certification : RoHs, Reach

Export Certification: CE, FCC, GB, FDA

Test on a Full Battery Charge: 40 Times

Working environment: Temperature: -20°C~60°C

Relative humidity: 45% - 90%R.H. non-condensing

Atmospheric pressure: (70.0~106.0) kpa

Storage environment: Temperature: -20°C~45°C

Relative humidity: 45% - 90%R.H. non-condensing

Atmospheric pressure: (50.0~106.0) kpa

FCC 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 to this device not explicitly approved by manufacturer could void your authority to operate this 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.

Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.