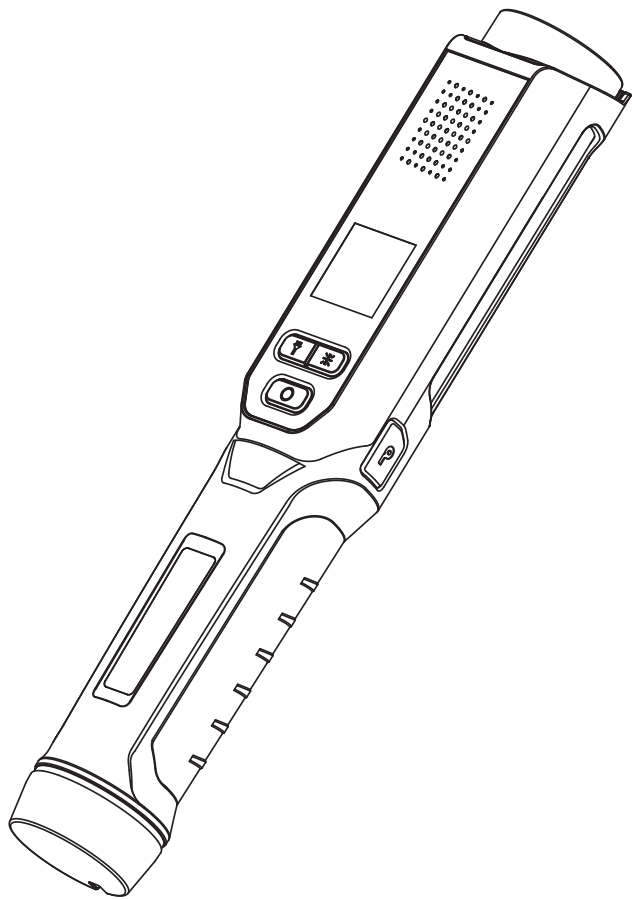
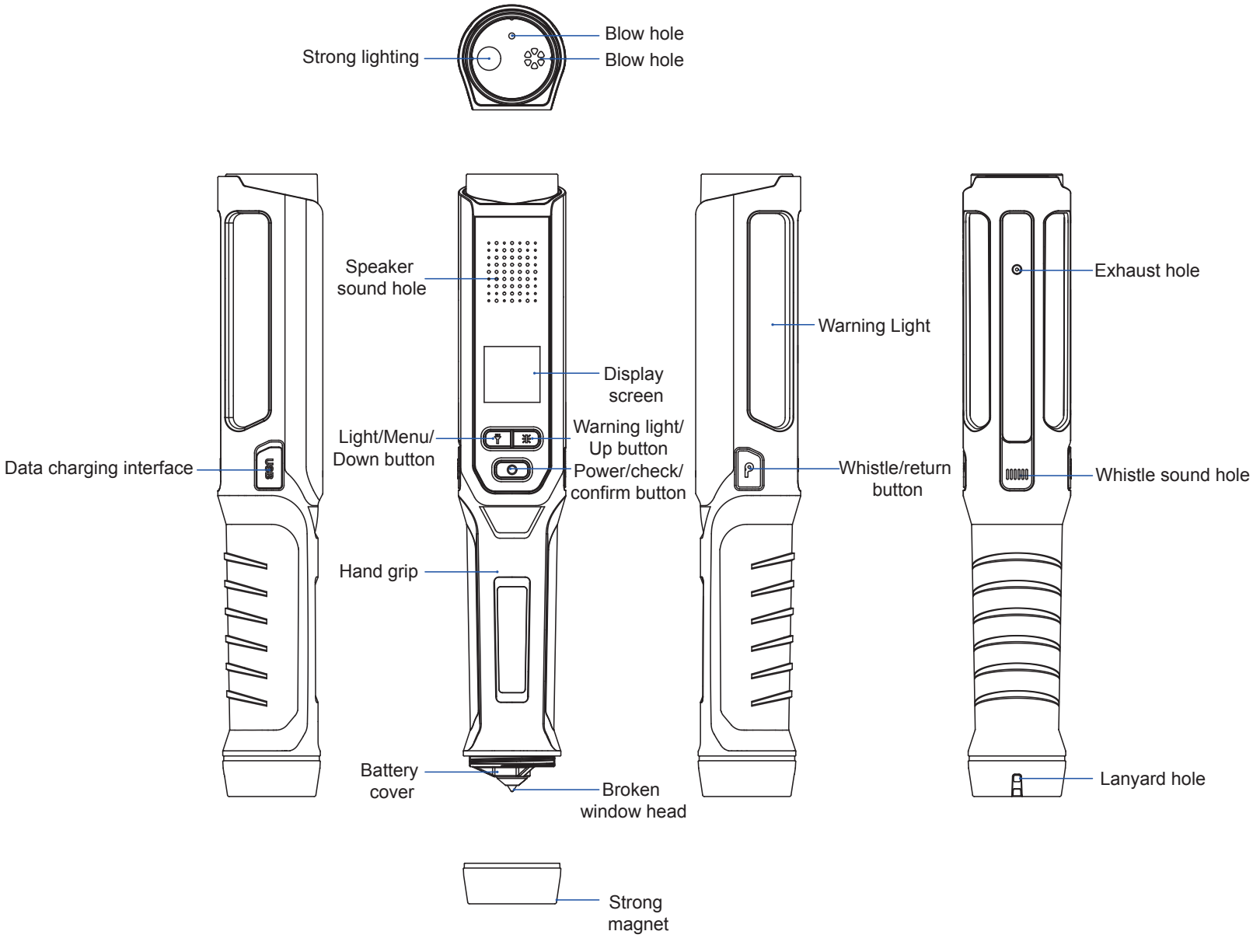
# Breath Alcohol Analyzer



**User's Guide**

## Product labeling



Before use, please check whether the battery is installed, turn the battery cover counterclockwise, put the battery into the battery window according to the positive and negative poles, and tighten the battery cover clockwise to use.

## 1.Alcohol concentration test

Long press the "Power/Check/Confirm" button“” Turn on the machine in 2 seconds, and the screen will display the boot screen (Picture 1).

Short press again, the voice prompts "device is getting ready, please wait patiently" "please blow" and the screen displays "please blow" (Picture 2), after blowing for 2-4 seconds;

A， When the subject does not sample alcohol gas, the voice prompts "No alcohol, thank you for your cooperation", and the screen displays "No alcohol" (Picture 3);

B， When the subject samples alcohol gas, the baton will flash red, the voice prompts "You have been drinking and driving, please cooperate with the inspection", and the screen displays "Drinking alcohol + alcohol concentration (00 mg/100mL)" (Picture 4) .

After booting, long press the "Power/Check/Confirm" button” Shut down in 3 seconds, and the screen will display the shutdown screen (Picture 5).



(Picture1)



(Picture2)



(Picture3)



(Picture4)



(Picture5)

Note: It is better to turn off the baton and flashlight when carrying out the alcohol concentration test, so as not to cause unnecessary visual disturbance to the tested person.

**2.baton operation**

Short press "warning light/turn up” Turn on the always-on status of the baton, short press in turn to cycle through the options: always on, strobe, off.

**3.Flashlight operation**

Short press the "light/menu/down button” , Turn on the light and keep it on, short press in turn to cycle through the options: always on, strobe, off.

**4.whistle operation**

Short press the "Whistle/Back button", The machine beeps once; long press the "whistle/ return button" , The machine beeps...

**5.Menu Settings**

In the power-on state, long press the “light/menu/down button” Enter the menu setting interface. Press the "light/menu/down button / "Warning light/turn up button" to select up and down, press "power/check/confirm button" to confirm, short press “Whistle/Back button” Return to the previous level. It can be used for "machine calibration, clock setting, record checking, system setting, voice setting, information, equipment number, alarm setting", etc. item menu to set or view.




(Picture6)




(Picture7)

**6.window breaker**

Turn the window breaker cover counterclockwise to open the cover and use the window breaker in an emergency.

**7.magnet**

The handle has a magnet at the end to attach the machine to metal.

**8.charging operation**

Use the adapter and USB cable that comes with the machine to connect the machine to the USB port for charging. The display and will light up during charging, and the battery will be fully charged in about 3 hours.

**9.Application range**

The alcohol tester is suitable for the traffic police to quickly check for drunk driving. It can also be used for the inspection of dangerous jobs in government agencies, mining and transportation enterprises, and the prevention of drinking and driving in entertainment venues, etc.

**10.Product Function Description**

The rapid detection method adopted by the alcohol tester is to continuously extract the breath exhaled by the person being tested. To quantitatively or qualitatively determine whether the measured person has drunk alcoholic beverages. The instrument detection can be analyzed and judged within 3 seconds at the fastest, and the measurement result can be obtained. The instrument has extremely high sensitivity, which minimizes the possibility of missed judgments.

**11.Instrument standard configuration**

Device, charger, USB cable, manual, certificate of conformity, packing box

## 12.Safety and Precautions

Before using this product, please read the relevant product instruction manual carefully! The performance of the product is related to the correct use and careful maintenance of the user. All repairs and replacement parts must be repaired and maintained by maintenance personnel approved by the manufacturer.

Please do not plug the mains charger into a socket with an input voltage that does not meet the requirements on the charger label. Please do not start the vehicle while using on-board charging.

Please do not charge the instrument in an environment below 0° (32°F) or above 45° (113°F).

In the continuous test, it should be measured after an interval of more than 10 seconds or longer.

If the test result is greater than 100mg/100ml, it is recommended to take a longer interval for the next test, and it is recommended to test after one minute. to fully zero the sensor.

In order to ensure the accuracy of the instrument and the effectiveness of law enforcement and evidence collection, the instrument needs to be calibrated every 6 months in accordance with the requirements of relevant national regulations. However, if any abnormalities are found during use, please contact the maintenance center in time. Calibration must be performed by personnel authorized by the manufacturer.

| Fault phenomenon | Possible caus | Processing method |
|---|---|---|
| The boot didn't react | The battery is not installed | Unscrew the battery cover for positive and negative polarity and correctly install the battery |
| | The battery power is seriously insufficient | Charge the machine |
| | Battery circuit failure | Repair |
| The alcohol detection function did not work | Air intake clogged | Clean the air intake dust |
| | Sensor failure | Repair |
| | Measuring circuit failure | Repair |

## Specifications

| Parameter name | Specification |
|---|---|
| Sensor type | Semiconductor sensor |
| Measuring range | 0-400mg/100ml bac |
| Sensitivity/ resolution | 5mg/100ml / 1mg/100ml |
| Indication error | ±10mg/100ml at a distance of 5cm when the concentration is 50mg/100ml |
| Sampling method | Blow sensing or manual detection |
| Continuous measurement time | 5s~15s |
| Output time | 3s |
| Zeroing time | 5s~15s |
| Working temperature | -5~45 celsius |
| Data storage | 30000pcs |
| Operation method | 4 buttons, the warning light, whistle and lighting can be operated independently in the off state |

| Parameter name | Specification |
| --- | --- |
| Accessibility | LED bright white lighting, high decibel whistle, red warning light, voice broadcast |
| Screen | 1.3 inch 240*240 full color TFT LCD display |
| Power supply | 18650-3000mAh Lithium batteries |
| Charging port | MICRO USB |
| Charging voltage | 5V/2A |
| Mainframe size | 262mm* ϕ 45mm |
| Weight | 245g |

# Warranty Card

| | | | |
|---|---|---|---|
| Customer Name | | Contad Number | |
| Company Name | | Address | |

| | | | |
|---|---|---|---|
| Product Number | | Dealer (stamp) | |

| Maintenance Date | Maintenance Records | Maintenance Unit |
|---|---|---|
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