

tuul
Breeze



TB-01

USER GUIDE

Version 1.0



Preface

Thank you for choosing the TB-01 portable breathalyzer.


This user manual introduces the usage method and precautions of TB-01 breathalyzer.

Please read this user manual carefully and use this product only after fully understanding the safety precautions, product performance, and usage methods. After reading, please keep this user manual properly for easy reference at any time.

The final interpretation of this user manual belongs to our company. Upgrades and changes that do not affect use will not be notified separately.

The reaction to alcohol varies from person to person, and the test results are only for reference and cannot be used as a standard to judge whether drunk driving has occurred. Manufacturers and sellers will not be held responsible for any illegal behavior.

Safety and Precautions

Please pay attention to the warning signs “” and words in this manual. Warning indicates a situation or action that may cause measurement deviation or damage to the device or component.

Please do not attempt to disassemble the device or components for repair on your own, as it may cause damage to the device or other safety accidents. After a malfunction occurs, please hand it over to the service center for handling.

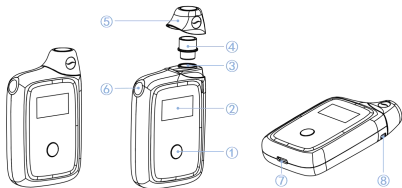
Package Contents

1 PCS	TB-01
5 PCS	Plastic pipes
1 PCS	3.7v 320mAh Rechargeable AAA battery
1 PCS	USB cable

- 1 PCS Handing rope
- 2 PCS String
- 1 PCS User guide card
- 1 PCS Certificates
- 1 Sets Color boxes

Please contact the supplier if you find anything missed or damaged.

Parts Name



① ON/OFF button	② LCD
③ Air inlet	④ Plastic pipe
⑤ Blowpipe cover	⑥ Air outlet
⑦ USB interface	⑧ Rope hole

Main Technical Parameters

Sensor: 8mm Electrochemical sensor

Resolution: 0.001% (BAC)

Range: 0 ~ 0.525% (BAC)

Charging voltage: DC 5V

LCD Display: color 0.96 inch with 64 × 128 resolution

Blowing time: 5S (3S or 5S Optional)

Blowing pressure: Level2 (Level1/Level2/level3)

Blowing volume: 1.0L

(Optional 0.6L/0.8L/1.0L/1.2L/1.4L/1.6L)

LED indicator lights: Red/Green/Blue

Duration time of Indicator lights : 5S

BLE Version: Bluetooth V5.0 BLE

Operation temperature: - 5°C ~ 45°C

Storage temperature: - 20°C ~ 70°C

Calibration time: every 6 month

Product size: Approx. L78 × W67 × H16.5 (mm)

Product weight: Approx. 54g (battery included)

The following customizable options can be turned on or off through the app: alcohol test command, buzzer, vibration motor; blowing time, blowing pressure level, blowing volume, duration of LED indicator light , Display unit, automatic sleep time of LCD display , device languages; Wake up LCD

display without pressing the on/off button of device.

Operation Manual

1. Startup

Long press the power button for about 2 seconds in the shutdown state, and the TB-01 screen will display "POWER ON". Release the power button and enter the tuul main interface。



2. Shutdown

Long press the power button for about 3 seconds in the power on state, I, and TB-01 will emit 3 beep sounds continuously. After that, the screen will display "POWER OFF".



3. Sleep Modes

Lightly press the power button to enter the sleep mode when the device is in ON state.

When the LCD is turned on in the startup state and no operation is performed on TB-01 within 1 minute, TB-01 automatically enters LCD sleep mode.

If no operation is performed on TB-01 within 1 minute, TB-01 will automatically enter the sleep mode.

4. Wake up the device from sleep mode

Lightly press the power button to enter the LCD wake-up mode.

5. Low Voltage Warning and Charging

There will be a "low battery" prompt when the battery

is running out. Pls power off TB-01 and charge it immediately.



low battery

Please use the 5V $\overline{\text{---}}$ 1A charger to charge the TB-01 battery. During the charging process, the red led light is on under the key, and the green led light is on under the key, indicating that the battery is fully charged.

Warnings

1. Make sure to use the original 5V $\overline{\text{---}}$ 1A charger to charge, failure to use the charger as prescribed may cause damage to the product.
2. Please do not charge the product at temperatures below 00C (320F) or above 450C (1130F).

6. Methods to connect the Device and the APP

Step1: APP Connection

Search for “FeasyBlue” in the app store and download it, and select the following options.

- Select BLE mode
- Select the corresponding device, such as TUUL



- Send Hex command
- Receive feedback



Step2: In the startup state, after the APP sends a test request to the device, the TB-01 will enter the

warm-up countdown for 3 seconds.



Step3: After the screen displays "Blow...", please hold the blowpipe and exhale steadily with moderate force until TB-01 makes a "click" sound to indicate completion of breath sampling. The screen displays 'Blowing...' and an animated progress bar is reaching towards the end and beep tone is heard indicating a proper breath flow.



If the blowing stops halfway or the intake volume does not meet the predetermined standard, TB-01

will emit 3 beep sounds continuously, and then enter the "Blow..." interface again to wait after retest is requested.

Step4 : TB-01 enters the fast test value calculation stage, and the screen displays "CALC".



Step5: TB-01 displays the test results.

If $0.000 \leq \text{BAC} < 0.020$, the green LED light will turn on and the measured value will be in green font;

If $0.020 \leq \text{BAC} < 0.040$, the yellow LED light will turn on and the measured value will be in blue font;

If $0.040 \leq \text{BAC} < 0.080$, the orange LED light will

turn on and the measured value will be in blue font;
If $0.080 \leq \text{BAC} \leq 0.525$, the red LED light will turn on and the measured value will be in red font.



This is the end of a complete breath alcohol test process. If you want to conduct a test again, you need to send a test request again in the mobile APP.

CAUTION!

- For consecutive tests, allow at least 2 minutes between taking two breath samples. If the former test result of BAC is more than 80mg/100mL (BrAC over 0.36mg/L), then it is necessary to take the next test after 3 minutes.

7. Calibration

Calibration permission is only open to administrators, if necessary, please contact after-sales service center.

Maintenance

Clean the surface of the equipment required, use a damp cloth or wipe a small amount of neutral detergent, avoid use of chemical organic solvents (such as alcohol, thinner, etc.) to clean the surface equipment.

After each use, please shutdown device and put back into the carton box.

Warnings

1. Please do not store the device in a place where the temperature exceeds 40 °C, as high temperatures can reduce the lifespan of the sensor.

2. Do not expose the air inlet to alcohol or other liquids, which will cause damage to the instrument
3. To ensure the accuracy of instrument testing, it is recommended to calibrate the instrument every six months. The user can entrust local laboratories and metrology departments that have obtained relevant national qualifications to carry out calibration.

Q&A

1. Unable to power on

Re1: It may be that the battery is severely low, please charge the product before use.

Re2: It may possibly be the circuit malfunction, please contact after-sales service center.

2. Unable to charge

Re1: It is possible that the charger is damaged. Please replace the charger.

Re2: It may be that the battery is fully charged. Please stop charging.

Re3: It may be due to incorrect charger connection or power failure. Please check if the charger is connected correctly and ensure it is powered on.

3. A result displayed without conducting a test

Re : There may be residual alcohol gas in TB-01, please test again after a period of time.

4. Test results are different

Re: If you have been drinking alcohol, wait 20 minutes before taking the test.

5. Method to check on FCC ID number

① Turn on TB-01

② Click the ON/OFF button twice to enter the interface where display the FCC logo and FCC ID.



Thoughtful and Worry Free Warranty

Product Model	TB-01
Purchase date	
User's Name	
User's TEL	
User address	
Warranty issues	

Company Name: tuul, LLC

Add: 200 Public Square, Suite 3500, Cleveland, OH 44114

Tel: 216-241-2838

Email: 216-241-2838

Website: <https://www.gotuul.com/start-tb01>

Welcome! Let's get started.



- User Manual
- Warranty Registration
- App Download

<https://www.gotuul.com/start-tb01>

Pls scan the OR code to get more info about TB-01's User manual, warranty registration and APP Download.

FCC Caution:

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

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