

Acouto Acoutoxc7an8e4fs

Acouto Portable Semiconductor Breath Alcohol Tester User Manual

Model: Acoutoxc7an8e4fs

1. INTRODUCTION

Thank you for choosing the Acouto Portable Semiconductor Breath Alcohol Tester. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and keep it for future reference.

This portable breath alcohol tester features an ABS body, weighs approximately 82g, and is powered by a 500mAh polymer lithium battery. It utilizes a semiconductor gas sensor for detection, with a measurement range of 0 to 200 mg/100ml for breath alcohol concentration.

2. PRODUCT OVERVIEW

2.1 Key Features

- **High-Sensitivity AI Intelligent Chip:** Ensures continuous and precise testing, adapting to environmental conditions for reliable readings.
- **Voice Prompts and Test History:** Comprehensive voice prompts guide users through testing steps. Stores the last 50 test records for historical tracking.
- **Red and Blue Flashing Lights:** Indicate when alcohol levels exceed legal limits, providing a visual safety alert.
- **HD TFT Color Screen:** Provides a clear, readable digital display for easy interpretation of results, even in low light.
- **Wide Application Range:** Suitable for various applications including fleet management, factories, road safety, and personal use due to its portable design.

2.2 Components

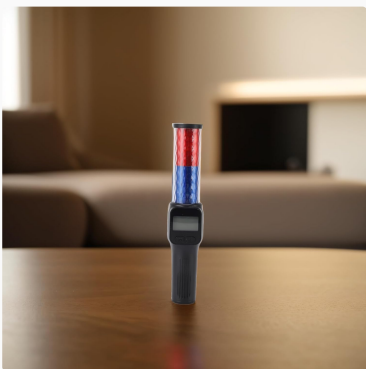
The package includes the Acouto Portable Semiconductor Breath Alcohol Tester and a USB charging cable.



Acouto Portable Breath Alcohol Tester with USB charging cable.



The Acouto breath alcohol tester next to its USB charging cable, highlighting its portability and charging method.



The Acouto breath alcohol tester placed upright on a wooden table, showcasing its compact design.



Front view of the Acouto breath alcohol tester, showing the TFT color screen and control buttons.



Close-up of the device's TFT screen displaying '00' and '%BAC', with the 'M' and power buttons visible below.



Close-up view of the USB charging port and speaker grille on the side of the alcohol tester.



Diagram illustrating the internal speaker and voice prompt feature for clear instructions and results.



The alcohol tester in a dimly lit environment, with its red and blue indicator lights flashing, signifying a high alcohol level.



Collage of images showing various applications: coal mine inspection, fleet inspection, construction site inspection, factory inspection, gathering self-inspection, and driving school testing.

3. SETUP

3.1 Charging the Device

1. Locate the USB charging port on the side of the device.
2. Connect the provided USB cable to the device and a compatible USB power source (e.g., computer, wall adapter).

3. The device will indicate charging status on its TFT screen. Ensure it is fully charged before first use for optimal battery life.

3.2 Initial Power-On

1. Press and hold the power button (usually marked with an 'O' or power symbol) for a few seconds until the TFT screen illuminates.
2. The device will perform a brief self-check and may display a warm-up countdown. Wait for the device to indicate it is ready for testing.

4. OPERATING INSTRUCTIONS

4.1 Performing a Breath Test

1. Ensure the device is powered on and has completed its warm-up phase.
2. When prompted by the voice instruction or screen display (e.g., "Please blow air"), take a deep breath.
3. Blow steadily and continuously into the designated sensor area (usually at the top of the device) for approximately 5-10 seconds, or until the device indicates to stop.
4. Avoid inhaling from the device or blocking the sensor during the test.

4.2 Interpreting Results

- **TFT Color Screen:** Your breath alcohol concentration (BAC) will be displayed digitally on the screen in mg/100ml.
- **Voice Prompts:** The device will announce the test results and provide clear instructions or warnings.
- **Flashing Lights:** If the detected alcohol level exceeds a pre-set legal limit, the device's red and blue lights will flash, serving as a visual alert.

4.3 Accessing Test History

The device stores the last 50 test records. To access them:

1. Press the 'M' (Mode/Memory) button.
2. Use the navigation buttons (if available, or press 'M' repeatedly) to scroll through previous test results.
3. The screen will display the date, time, and BAC for each stored record.

5. MAINTENANCE

5.1 Cleaning

- Wipe the exterior of the device with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or immerse the device in water.
- Keep the sensor area clean and free from dust or debris.

5.2 Storage

- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Keep out of reach of children.

5.3 Battery Care

- Recharge the device regularly, even if not in frequent use, to maintain battery health.
- Avoid completely draining the battery before recharging.

6. TROUBLESHOOTING

- **Device not powering on:** Ensure the battery is charged. Connect to a power source and try again.
- **Inaccurate readings:** Ensure you are blowing steadily and continuously. Avoid testing immediately after consuming alcohol or smoking. Allow at least 20 minutes after drinking before testing.
- **No voice prompts:** Check the device's volume settings.
- **Screen not displaying:** Recharge the device. If the issue persists, contact customer support.

7. SPECIFICATIONS

Feature	Specification
Manufacturer	Acouto
Model Number	Acoutoxc7an8e4fs
Product Dimensions (L x W x H)	16 x 7 x 3 cm
Weight	82 Grams
Battery	500mAh Polymer Lithium Battery (included)
Detection Method	Semiconductor Gas Sensor
Measurement Range	0 to 200 mg/100 ml (Breath Alcohol Concentration)
Display	HD TFT Color Screen
Included Components	USB Charging Cable

8. WARRANTY AND SUPPORT

Specific warranty information for this product is not available in the provided details. For warranty claims or technical support, please refer to the seller or manufacturer's contact information provided at the point of purchase.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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