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beseloa AT818

beseloa AT818 Portable Digital Alcohol Tester User Manual

Model: AT818

1. INTRODUCTION

This manual provides instructions for the safe and effective operation of your beseloa AT818 Portable Digital Alcohol Tester. This device is designed to measure the presence of alcohol in the breath. Please read this manual thoroughly before use and retain it for future reference.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x beseloa AT818 Portable Digital Alcohol Tester
- 20 x Replaceable Mouthpieces
- 1 x User Manual (this document)



Image: The beseloa AT818 Portable Digital Alcohol Tester shown with its included 20 replaceable mouthpieces.

3. PRODUCT FEATURES

- High-precision semiconductor alcohol sensor for accurate and fast results.
- 3-digit LCD screen with backlight for clear display.
- Multiple measurement units: % BAC, ‰ BAC, mg/L.
- Auditory alarm for results exceeding 0.5‰ BAC (or 0.05% BAC, or 0.25mg/L).
- Includes 20 replaceable and reusable mouthpieces.
- Compact and portable design for convenient carrying.
- Automatic power-off function.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment on the back of the device.
2. Slide open the battery cover.
3. Insert three (3) 1.5V AAA batteries, ensuring correct polarity (+/-). Batteries are not included.
4. Close the battery cover securely.



Image: Illustration of the battery compartment and the internal storage for mouthpieces on the beseloa AT818.

4.2 Mouthpiece Attachment

1. Select a clean mouthpiece from the provided set.
2. Insert the mouthpiece firmly into the designated port on the side of the device.

5. OPERATING INSTRUCTIONS

1. **Power On:** Press and hold the power button (usually located below the screen) for a few seconds until the device powers on.
2. **Warm-up:** The device will display "Warm up" and count down for approximately 15 seconds. Wait for the warm-up

cycle to complete.

3. **Blow:** Once "Blow" is displayed on the screen, take a deep breath and blow steadily into the mouthpiece for 5-10 seconds. Ensure a continuous and strong breath.
4. **Result Display:** The test result will be displayed on the LCD screen. If the result exceeds the preset limit (0.5‰ BAC, 0.05% BAC, or 0.25mg/L), an auditory alarm will sound.
5. **Change Units:** After the result is displayed, you can press the power button briefly to cycle through the available measurement units (% BAC, ‰ BAC, mg/L).
6. **Power Off:** The device will automatically power off after approximately 20 seconds of inactivity. You can also press and hold the power button to manually turn it off.

Simply Usage Steps



Put 3pcs "AAA" battery in (**NOT include**)



Install the mouthpiece



15s: Press the button warm up 15s



5s: Blowing at least 5s when you see the "BLOW" status



Check the result
(switch units by pressing the button)



OFF: Auto power off after 20s

Image: Visual guide detailing the six steps for operating the beseloa AT818 alcohol tester, from battery insertion to reading results.

Important Testing Tips:

- It is recommended to wait at least 20 minutes after consuming alcohol before taking a test. This allows alcohol from

the digestive organs to be absorbed into the bloodstream.

- Wait at least 3 minutes between consecutive tests to ensure accurate readings.
- Avoid testing in strong winds or in environments with high concentrations of smoke or other fumes.

6. UNDERSTANDING DISPLAY INFORMATION

The LCD screen provides clear readings and indicators:

- **Digital Reading:** Displays the measured Blood Alcohol Content (BAC).
- **Units:** Indicates the current measurement unit (% BAC, ‰ BAC, or mg/L).
- **Battery Indicator:** Shows the remaining battery life.
- **Warning Indicators:** "Caution" or "Danger" may appear based on the detected alcohol level.

HD LCD DISPLAY

Safe Driving, Refused Drunk Driving



Normal

<0.02%BAC(or 0.1mg/L)



Caution

0.02 to 0.05 % BAC
(or 0.1 to 0.25mg/L)



Danger

≥0.05% BAC(or 0.25mg/L)



Image: The beseloa AT818's LCD display illustrating various Blood Alcohol Content (BAC) readings and corresponding "Normal", "Caution", and "Danger" indicators.

Measurement Units:

Switch Between 3 Units with 1 Click



Image: The beseloa AT818 demonstrating the ability to switch between three different measurement units: % BAC, ‰ BAC, and mg/L, with a single button press.

The device supports three units: % BAC (Blood Alcohol Content percentage), ‰ BAC (per mille BAC), and mg/L (milligrams per liter). The alarm threshold is typically set at 0.5‰ BAC, which is equivalent to 0.05% BAC or 0.25mg/L.

7. MAINTENANCE

- **Mouthpiece Cleaning:** The provided mouthpieces can be cleaned with mild soap and water, then air-dried thoroughly before reuse. Replace mouthpieces if they show signs of wear or damage.
- **Device Cleaning:** Wipe the exterior of the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the screen to ensure accurate operation.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly inserted batteries.	Check battery polarity. Replace with new AAA batteries.
Inaccurate or inconsistent readings.	Insufficient warm-up time; testing too soon after alcohol consumption; testing too soon after previous test; improper blowing technique; environmental factors.	Ensure full warm-up. Wait 20 minutes after drinking. Wait 3 minutes between tests. Blow steadily for 5-10 seconds. Avoid strong winds or fumes.
"Blow" not detected.	Insufficient or interrupted breath sample.	Ensure a continuous and strong breath into the mouthpiece for the required duration.
Auditory alarm sounds frequently.	Detected alcohol level exceeds the warning threshold.	This indicates a higher alcohol concentration. Refer to local laws regarding driving under the influence.

9. SPECIFICATIONS

Model	AT818
Sensor Type	High-precision semiconductor alcohol sensor
Display	3-digit LCD with backlight
Measurement Units	% BAC, ‰ BAC, mg/L
Power Supply	3 x 1.5V AAA batteries (not included)
Warm-up Time	Approximately 15 seconds
Blowing Time	5-10 seconds
Automatic Power-off	After approximately 20 seconds of inactivity
Dimensions	Approximately 6.38 x 4.61 x 1.85 inches (Package Dimensions)
Weight	Approximately 7 ounces

Alcohol Tester Portable

Convenient for you to take with you on various occasions



Image: The beseloa AT818 alcohol tester highlighting its compact dimensions (11.2cm/4.4in height, 6cm/2.4in width) and portability, fitting easily into a pocket or car console.

10. SAFETY INFORMATION AND DISCLAIMER

- This device is intended as an aid to promote responsible behavior. It is not a substitute for legal or professional advice.
- The manufacturer and seller assume no liability for any consequences resulting from the use or misuse of this device.
- Always comply with local laws and regulations regarding alcohol consumption and driving.
- Do not operate machinery or drive a vehicle if you have consumed alcohol, regardless of the device's reading.
- Keep out of reach of children.

11. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or

contact your retailer. Specific warranty terms may vary by region and seller.



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