



Manuals.plus /

- › JASTEK /
- › JASTEK Portable Breathalyzer Tester User Manual

JASTEK 7100

JASTEK Portable Breathalyzer Tester User Manual

Model: 7100

PRODUCT OVERVIEW

The JASTEK Portable Breathalyzer Tester is a compact and reliable device designed to measure your Blood Alcohol Concentration (BAC). It is equipped with advanced features to provide accurate and convenient alcohol testing for personal use. This manual provides detailed instructions for proper setup, operation, and maintenance of your device.



Front view of the JASTEK Portable Breathalyzer Tester, displaying a 0.020 BAC reading on its green LCD screen. Ten white, individually wrapped mouthpieces are arranged to the left of the device.

COMPONENTS AND PACKAGE CONTENTS

Familiarize yourself with the main components of your breathalyzer and ensure all items are present in the package.

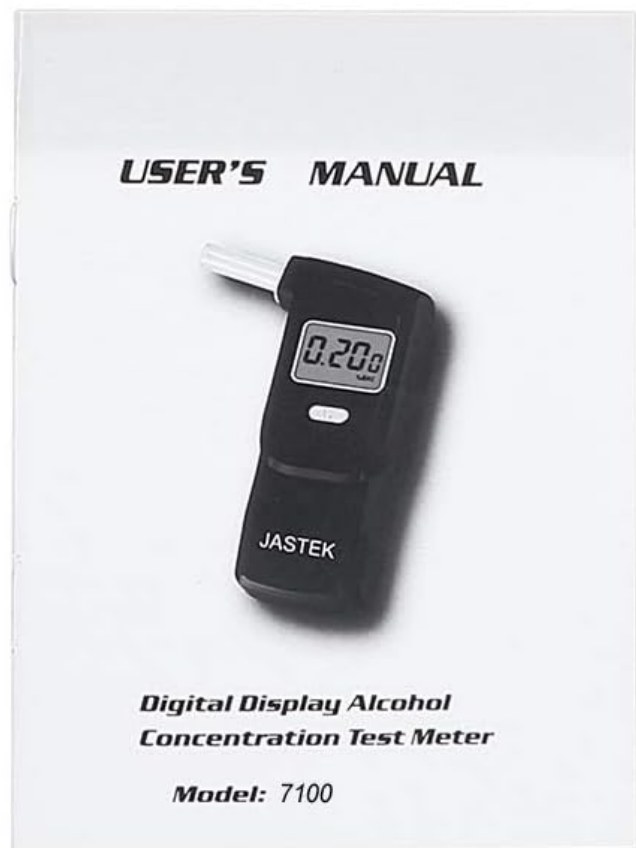
Device Components:



A detailed diagram highlighting the main components of the JASTEK Breathalyzer. Key parts include the Blow Tube for breath sample collection, the LCD Screen for displaying results, the Switch Button for operation, the Vent Hole, and the Buzzer Hole for audio alerts.

- **Blow Tube:** Where the breath sample is provided.
- **LCD Screen:** Displays readings and operational status.
- **Switch Button:** Used to power on/off and navigate settings.
- **Vent Hole:** For air circulation.
- **Buzzer Hole:** Emits audible alerts.

Package Contents:



An image showing the complete contents included with the JASTEK Portable Breathalyzer Tester. This includes the main breathalyzer unit, a set of mouthpieces, a convenient carrying string, and the user's manual (Model: 7100).

- 1 x JASTEK Portable Breathalyzer Tester
- 10 x Mouthpieces
- 1 x User Manual
- 1 x Carrying String

SETUP

Before first use, please follow these steps to set up your device:



Insert the 3AAA battery and a mouthpiece into the device



Press the power button for 2 seconds to start the alcohol tester, wait for 20 seconds for warming-up, then blow



Blowing (6 seconds or more)



View the results

This image illustrates the four key steps for operating the JASTEK Breathalyzer. Step 1 shows inserting 3 AAA batteries and a mouthpiece. Step 2 depicts pressing the power button and waiting for the 20-second warm-up. Step 3 shows a person blowing into the device for 6 seconds or more. Step 4 displays the final BAC result on the LCD screen.

1. **Install Batteries:** Open the battery compartment on the back of the device. Insert 3 AAA alkaline batteries (not included), ensuring correct polarity. Close the battery compartment.
2. **Attach Mouthpiece:** Select one of the provided mouthpieces and firmly insert it into the blow tube opening at the top of the device.

OPERATING INSTRUCTIONS

Follow these steps for accurate BAC testing:

1. **Power On:** Press and hold the power button for 2 seconds to turn on the device. The LCD screen will illuminate.
2. **Warm-up:** The device will display a warm-up countdown (typically 20 seconds). Wait for the countdown to complete. During this time, the sensor is preparing for an accurate reading.
3. **Begin Test:** Once the warm-up is complete, the screen will indicate it's ready for a breath sample. Blow steadily and continuously into the mouthpiece for 5-6 seconds. Ensure a consistent breath flow.
4. **View Results:** After blowing, the device will process the sample for approximately 3 seconds. Your BAC result will then be displayed on the LCD screen for 15 seconds.
5. **Auto Power-Off:** The device will automatically power off after 5 seconds of inactivity to conserve battery life.

Important Testing Notes:

- For the most accurate results, wait at least 20 minutes after consuming alcohol before performing a test. This allows alcohol to be absorbed into the bloodstream.
- Wait at least 3 minutes between consecutive tests to ensure sensor accuracy and prevent residual alcohol from affecting readings.
- Avoid testing in strong winds, smoke, or highly polluted environments, as these can affect accuracy.

KEY FEATURES

- **Multiple Measurement Units:** The device supports 6 common BAC units, allowing users to select their preferred display: %BAC-US, g/l-EU, mg/L-JP, mg/100ml-CN, ‰BAC-RU, ‰prom-PL.
- **Customizable Caution & Alarm Values:** Users can set personalized caution and alarming thresholds. If the test result exceeds 0.05% BAC / 0.5 ‰ BAC, the red light will flash, and a continuous beep will sound to alert the user.
- **Memory Function:** The breathalyzer can store up to 32 of your most recent testing records, allowing for easy review and tracking of your BAC history.
- **Energy-Saving Design:** Features automatic power-off after 5 seconds of inactivity and a low voltage indication to alert you when batteries need replacement.

MAINTENANCE

Proper care and maintenance will ensure the longevity and accuracy of your JASTEK Breathalyzer.

- **Cleaning the Device:** Wipe the exterior of the device with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water.
- **Mouthpiece Care:** The included mouthpieces are washable and reusable. After use, rinse them with warm water and mild soap, then allow them to air dry completely before storing or reusing.
- **Storage:** Store the breathalyzer in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it out of reach of children.
- **Battery Replacement:** Replace batteries promptly when the low voltage indicator appears on the screen to ensure consistent performance.

TROUBLESHOOTING

If you encounter issues with your JASTEK Breathalyzer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed batteries.	Ensure 3 AAA batteries are correctly installed with proper polarity. Replace with new alkaline batteries.
Inaccurate or inconsistent readings.	Insufficient warm-up time; testing too soon after drinking/eating; testing too frequently; environmental factors.	Allow full 20-second warm-up. Wait 20 minutes after drinking/eating. Wait 3 minutes between tests. Test in a stable environment.
Low voltage indicator appears.	Batteries are low.	Replace all 3 AAA batteries with new ones.

If the problem persists after attempting these solutions, please contact JASTEK customer support for further assistance.

SPECIFICATIONS



This image provides the physical dimensions of the JASTEK Portable Breathalyzer Tester, indicating its compact size for portability. The device measures approximately 1.9 inches in width, 4.7 inches in height, and 0.9 inches in thickness.

- **Product Dimensions:** 1.9 x 4.7 x 0.9 inches
- **Item Weight:** 4.97 ounces
- **Power Source:** 3 x AAA Alkaline Batteries (not included)
- **Measurement Range:** 0.000-0.190% BAC / 0.000-0.950 mg/L
- **Memory Storage:** Up to 32 recent test records
- **Manufacturer:** JASTEK

WARRANTY AND SUPPORT

JASTEK is committed to providing high-quality products and customer satisfaction. If you are not satisfied with your purchase or encounter any quality problems, please do not hesitate to contact our customer service team for assistance.

Please refer to the contact information provided in your product packaging or visit the official JASTEK website for support details.