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## ZBK B0CBTMT14R

# ZBK Professional-Grade Portable Alcohol Breathalyzer User Manual

Model: B0CBTMT14R

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective operation of your ZBK Professional-Grade Portable Alcohol Breathalyzer. Please read this manual thoroughly before using the device and retain it for future reference. This device is designed to estimate blood alcohol content (BAC) for personal use and should not be used as a sole determinant for operating vehicles or machinery.

## 2. SAFETY INFORMATION

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- This device provides an estimate of BAC and should not be relied upon to determine fitness to drive or operate machinery. Legal limits for alcohol consumption vary by jurisdiction.
- Wait at least 13 minutes after consuming alcohol, eating, or smoking before performing a test for the most accurate results. Residual alcohol in the mouth can lead to inaccurate readings.
- Do not use the device in extreme temperatures or high humidity.
- Keep the device out of reach of children.
- Do not attempt to disassemble or repair the device. Contact customer support if issues arise.
- Clean mouthpieces thoroughly before and after each use, or use new mouthpieces.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- 1 x ZBK Alcohol Tester

- 5 x Reusable Mouthpieces
- 1 x Charger and Cable (USB)
- 1 x User Manual
- 1 x Warranty Card



Image: The ZBK Professional-Grade Portable Alcohol Breathalyzer shown with its included five reusable mouthpieces. The

device is black with a green LCD screen displaying a reading.

## 4. PRODUCT OVERVIEW

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The ZBK Professional-Grade Portable Alcohol Breathalyzer features a compact design with a clear LCD display for easy reading of results.

### 2.0-inch high-definition large screen with or without wine

Large screen clear display detection



*Image: A close-up of the ZBK breathalyzer highlighting its 2.0-inch high-definition large screen, which displays test results clearly.*

Key components include:

- **Mouthpiece Port:** Where the reusable mouthpiece is inserted.
- **LCD Display:** Shows BAC readings, battery status, and operational prompts.
- **Power/Test Button:** Used to turn the device on/off and initiate a test.
- **Indicator Lights:** Provide visual cues for test results (e.g., green for no alcohol, red for alcohol detected).
- **USB Charging Port:** For recharging the internal lithium battery.

## 5. SETUP

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## 5.1 Charging the Device

Before first use, fully charge the breathalyzer. The device is equipped with a rechargeable lithium battery.

1. Connect the provided USB charging cable to the device's charging port.
2. Connect the other end of the USB cable to a compatible USB charger (e.g., wall adapter, computer USB port).
3. The battery indicator on the LCD screen will show charging status. A full charge typically takes a few hours.
4. Once fully charged, disconnect the cable.



*Image: The ZBK breathalyzer shown connected to a USB charging cable, illustrating its rechargeable lithium battery feature. The screen displays a full battery icon.*

## 5.2 Attaching a Mouthpiece (for Accurate Mode)

For the most accurate results, use a clean mouthpiece.

1. Select a clean, reusable mouthpiece from the package.
2. Gently insert the mouthpiece into the mouthpiece port on the top of the device until it is securely in place.

3. Ensure the mouthpiece is firmly attached to prevent air leakage during the test.

## 6. OPERATING INSTRUCTIONS

The ZBK breathalyzer offers two testing modes: Accurate Mode (with mouthpiece) and Quick Mode (without mouthpiece).

### Two Test Mode, With Mouthpiece or Without Mouthpiece

**Accurate Mode:** The accurate mode uses the mouthpiece for a precise result, fast and accurate.

**Quick Mode:** Quick mode no need the mouthpiece for multiple people qualitative test. None touch, convenient and health.



*Image: Two ZBK breathalyzers are shown side-by-side. One demonstrates the "Accurate Mode" with a mouthpiece attached, and the other shows the "Quick Mode" without a mouthpiece, indicating its use for qualitative tests.*

### 6.1 General Testing Procedure

1. **Preparation:** Wait at least 13 minutes after consuming alcohol, eating, or smoking. This allows any residual alcohol in your mouth to dissipate, ensuring a more accurate reading.
2. **Power On:** Press and hold the Power/Test button to turn on the device. The LCD screen will illuminate and display a countdown or warm-up sequence.
3. **Warm-up:** The device will typically undergo a brief warm-up period. Wait for the display to indicate it is ready for testing (e.g., "BLOW" or a similar prompt).
4. **Blow:**
  - **Accurate Mode (with mouthpiece):** Inhale deeply, then blow steadily and continuously into the

mouthpiece for 3-5 seconds until you hear a beep or the device indicates the sample is sufficient.

- **Quick Mode (without mouthpiece):** Inhale deeply, then blow steadily and continuously towards the sensor opening (where the mouthpiece would attach) for 3-5 seconds. Maintain a consistent distance.
5. **Result Display:** After blowing, the device will process the sample. Your estimated BAC result will be displayed on the LCD screen within approximately 10 seconds.
  6. **Power Off:** The device will usually power off automatically after a period of inactivity or can be manually turned off by pressing and holding the Power/Test button.

## 7. UNDERSTANDING RESULTS

The ZBK breathalyzer displays your estimated Blood Alcohol Content (BAC) as a percentage (e.g., 0.050% BAC) or other units (g/L, mg/L, mg/100mL) depending on the device's settings. The device also uses indicator lights to provide a quick visual interpretation of the results.

### The traffic lights indicate the test results

0.03

Below 0.1, green light  
Prompt Representative  
- not drinking

0.15

0.15, red light  
Tips on drinking



*Image: Two ZBK breathalyzers illustrate the traffic light indicator system. One shows a green light for a BAC below 0.1, indicating no drinking. The other shows a red light for a BAC of 0.15, indicating alcohol consumption.*

#### Indicator Light Interpretation:

- **Green Light:** Typically indicates a very low or undetectable BAC (e.g., below 0.03% BAC). This suggests no alcohol consumption.
- **Red Light:** Typically indicates a detectable level of alcohol (e.g., 0.03% BAC or higher). The specific threshold for the red light may vary, but it serves as a warning that alcohol has been consumed.

**Disclaimer: The indicator lights and displayed BAC are estimates. Always adhere to local laws regarding alcohol consumption and driving. Do not drive or operate machinery if you have consumed alcohol.**

## 8. MAINTENANCE

### 8.1 Cleaning

- **Device Body:** Wipe the exterior of the device with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water.
- **Mouthpieces:** Wash reusable mouthpieces with warm, soapy water and rinse thoroughly. Allow them to air dry completely before storage or reuse. Replace mouthpieces if they show signs of wear or damage.

### 8.2 Storage

- Store the breathalyzer in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the device away from dust and corrosive substances.

## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device fully using the provided USB cable.
Inaccurate or inconsistent readings.	Insufficient waiting time after alcohol consumption. Improper blowing technique. Mouthpiece not securely attached (Accurate Mode). Environmental factors (extreme temperature).	Wait at least 13 minutes after drinking, eating, or smoking. Ensure a steady, continuous blow for 3-5 seconds. Verify mouthpiece is firmly in place. Use the device within specified environmental temperature range (-5°C to 45°C).
"Err" or error message on display.	Sensor error or improper operation.	Turn off the device, wait a few minutes, and try again. If the error persists, contact customer support.

## 10. SPECIFICATIONS

Feature	Detail
Battery	1000mAh Rechargeable Lithium Battery
Blowing Time	2.5s ~ 5s
Working Current	100 ~ 200mA
Environmental Temperature	-5°C ~ 45°C (27°F ~ 113°F)
Working Time (per charge)	Approximately 200 Tests
Display	LCD Colored Display with backlight
Size	Approximately 5.3 x 1.875 x 0.625 inches (13.5 x 4.76 x 1.59 cm)
Weight	Approximately 135g (0.3 lbs)
Testing Range	0 ~ 0.199%BAC (Deviation $\pm 0.01\%$ BAC) 0 ~ 1.999g/L (Deviation $\pm 0.01$ g/L) 0 ~ 0.999mg/L (Deviation $\pm 0.05$ mg/L) 0 ~ 1999mg/100mL (Deviation $\pm 10$ mg/100mL)

## 11. WARRANTY AND SUPPORT

The ZBK Professional-Grade Portable Alcohol Breathalyzer comes with a full one-year warranty from the date of purchase. This warranty covers manufacturing defects and ensures accurate results when the device is used correctly, including waiting 13 minutes after eating or drinking before testing.

For warranty claims, technical support, or any questions regarding your device, please refer to the contact information provided on your Warranty Card or visit the official ZBK support website (if available).