

Dräger Alcotest 5000

Dräger Alcotest 5000 Digital Breath Alcohol Screening Device

INSTRUCTION MANUAL

1. Introduction

The Dräger Alcotest 5000 is a professional-grade digital breath alcohol screening device designed for rapid and hygienic detection of alcohol presence in individuals. It is primarily used for mass screening applications, such as at events or in workplaces, to quickly determine if a person has consumed alcohol. This device provides a clear indication of alcohol presence without quantifying the exact blood alcohol concentration (BAC).

2. Safety Information

- This device is intended for screening purposes only and should not be used for precise legal blood alcohol concentration (BAC) measurements.
- Always use genuine Dräger mouthpieces to ensure hygienic and accurate operation.
- Do not operate the device in explosive atmospheres.
- Keep the device dry and clean. Avoid exposure to extreme temperatures or direct sunlight.
- Refer to local regulations and guidelines regarding alcohol screening procedures.

3. Package Contents

Verify that all items are present in the package:

- Dräger Alcotest 5000 device
- Non-contact funnel mouthpieces (multiple units)
- Wrist strap
- Instruction Manual
- 3 AA batteries (may be pre-installed or included separately)



Image: The Dräger Alcotest 5000 device, its packaging box, and individually wrapped non-contact funnel mouthpieces.

4. Device Overview

The Dräger Alcotest 5000 features a robust design with an intuitive interface for ease of use. Key components include the display, control buttons, and the non-contact funnel mouthpiece.





Image: Front view of the Dräger Alcotest 5000, highlighting the display screen, 'OK' button, and navigation arrows.



Image: Three views of the Alcotest 5000: front with display, side profile, and rear showing model information and 'Made in Germany' label.

5. Setup

5.1 Battery Installation

1. Locate the battery compartment cover on the rear of the device.
2. Open the cover and insert three (3) AA alkaline batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

5.2 Attaching the Mouthpiece

1. Remove a fresh, non-contact funnel mouthpiece from its packaging.
2. Gently push the mouthpiece onto the designated opening at the top of the device until it clicks into place. Ensure it is firmly seated.

6. Operating Instructions

6.1 Powering On/Off

- To power on: Press the **OK** button. The device will perform a self-test and then display 'READY'.
- To power off: Press and hold the **OK** button until the display turns off. The device will automatically power off after a period of inactivity.

6.2 Performing a Test

1. Ensure the device is powered on and displays 'READY'.
2. Instruct the test subject to take a deep breath and then blow steadily into the non-contact funnel mouthpiece until a signal indicates the end of the breath sample. Maintain a distance to avoid direct contact with the mouthpiece.
3. The device will analyze the breath sample.



Image: An individual providing a breath sample into the Alcotest 5000's non-contact funnel mouthpiece.

6.3 Interpreting Results

The device will display one of two results:

- '0.00' or 'NO ALCOHOL': Indicates no alcohol detected.
- 'ALCOHOL DETECTED' or 'X': Indicates the presence of alcohol.



Image: The device displaying a 'Negative result' (no alcohol) and a 'Positive result' (alcohol detected).

6.4 Mouthpiece Exchange

For hygienic reasons, it is recommended to replace the mouthpiece after each test or as required by your screening protocol.

1. Grasp the used mouthpiece and pull it gently but firmly away from the device.
2. Dispose of the used mouthpiece responsibly.
3. Attach a new, clean mouthpiece as described in Section 5.2.



Image: A hand detaching the non-contact funnel mouthpiece from the Alcotest 5000 device.

7. Maintenance

7.1 Cleaning

- Wipe the exterior of the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no liquid enters the mouthpiece opening or other device apertures.

7.2 Storage

- Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove batteries if the device will not be used for an extended period to prevent leakage.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on	Low or dead batteries; Incorrect battery installation	Replace batteries with new AA alkaline batteries; Check battery polarity
'ERROR' message on display	Improper breath sample; Device malfunction	Ensure a steady and sufficient breath sample; Power off and restart the device. If error persists, contact support.
Inconsistent results	Used or contaminated mouthpiece; Environmental factors	Always use a fresh mouthpiece for each test; Ensure testing environment is free from strong alcohol vapors.

9. Specifications


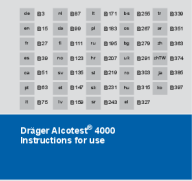
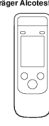



Feature	Detail
Model Name	Alcotest 5000
Item Model Number	8327701
Brand	Dräger
Sensor Type	Electrochemical DrägerSensor
Power Source	3 AA batteries
Item Weight	0.07 Kilograms (approx. 2.47 ounces)
Package Dimensions	9.72 x 4.96 x 2.87 inches
Global Trade Identification Number (GTIN)	04026056021406

10. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official Dräger website or contact your authorized Dräger distributor. Keep your purchase receipt and the device's serial number handy when contacting support. Visit the official Dräger store for more products and information:[Dräger Store on Amazon](#)



Related Documents - Alcotest 5000

 <p>Dräger Alcotest® 7510</p> <p>Alcohol Breathalyzer</p>	<p>Dräger Alcotest 7510 Breath Alcohol Monitor Instructions for Use</p> <p>This document provides comprehensive instructions for the Dräger Alcotest 7510, a breath alcohol measuring device. It covers safety precautions, intended use, device components, preparation, operation, measurement procedures, troubleshooting, maintenance, and technical specifications.</p>
 <p>Dräger Alcotest® 4000</p> <p>Instructions for use</p>	<p>Dräger Alcotest® 4000: Instructions for Use and Safety Guide</p> <p>Comprehensive instructions and safety information for the Dräger Alcotest® 4000 breathalyzer. Learn how to use the device for accurate alcohol concentration measurements.</p>
 <p>Dräger Alcotest® 7000</p> <p>Instructions for use</p>	<p>Dräger Alcotest® 7000 Instructions for Use and Operation Manual</p> <p>Comprehensive instructions for using the Dräger Alcotest® 7000 breath alcohol testing device, covering setup, operation, maintenance, troubleshooting, and technical specifications. Includes detailed guidance on breath sampling, reading results, and device management.</p>
 <p>Dräger Alcotest® 4000</p> <p>Instructions for use</p>	<p>Dräger Alcotest® 4000 Instructions for Use - Breathalyzer Manual</p> <p>Comprehensive instructions for use, setup, troubleshooting, maintenance, and technical specifications for the Dräger Alcotest® 4000 breath-alcohol analyzer.</p>
 <p>Dräger Alcotest® 6000</p> <p>Instructions for use</p>	<p>Dräger Alcotest® 6000 Instructions for Use and Technical Data</p> <p>Comprehensive instructions for use, setup, operation, maintenance, and technical specifications for the Dräger Alcotest® 6000 breath-alcohol analyzer.</p>
 <p>Dräger X-am Pump</p> <p>Pump for Multi-Gas Detectors</p>	<p>Dräger X-am Pump: External Pump for Multi-Gas Detectors</p> <p>Explore the Dräger X-am Pump, an essential external accessory for Dräger X-am gas detectors. Learn about its features, benefits, technical specifications, and compatible accessories for enhanced gas monitoring in hazardous environments.</p>