

1. Overview

The Oasser T1 is a portable digital breath alcohol tester. It is designed to provide an indication of Blood Alcohol Concentration (BAC) using a semiconductor sensor. The device is compact, battery-powered, and includes multiple disposable mouthpieces.



2. Features

2.1 Sensor & Display

- **Semiconductor Sensor:** Provides BAC readings.

- **LCD Screen:** Large, backlit digital display for easy reading.
- **Two-Tone Backlight:** The screen illuminates in different colours (e.g., red) based on the reading.

2.2 Operation & Alerts

- **Single Button Control:** One button powers the device on, starts the test, and cycles through units.
- **Audible and Visual Alarm:** When a BAC reading exceeds 0.08%, the screen illuminates red and a continuous beep sounds.
- **Multiple Units:** Displays results in three units: %BAC, ‰BAC, and mg/l.

2.3 Physical Design

- **Compact Size:** Approximately 115mm (L) x 60mm (W) x 20mm (T).
- **Replaceable Mouthpieces:** Includes four (4) disposable snorkels (mouthpieces).
- **Battery Powered:** Requires 3 x 1.5V AAA alkaline batteries (included).

2.4 Certifications

- CE and RoHS certified.

3. Use Guide

3.1 Before First Use

1. Open the battery compartment and insert 3 new AAA alkaline batteries, observing the correct polarity.
2. Attach a clean, unused mouthpiece (snorkel) to the device's inlet.

3.2 Taking a Measurement

1. **Wait:** Ensure at least 15 minutes have passed since your last drink. Do not smoke immediately before testing.
2. **Power On:** Press the single button. The device will power on and perform a self-check.
3. **Blow:** When the display indicates ready, take a deep breath and blow steadily and forcefully into the mouthpiece for approximately 5 seconds.
4. **Read Result:** The result will be displayed on the LCD screen within seconds.
5. **Interpretation:**
 - If the BAC is above 0.08%, the screen will turn red and a continuous beep will sound.

- You can press the button to cycle the reading between %BAC, ‰BAC, and mg/l units.

6. **Power Off:** The device will automatically power off after approximately 3 minutes of inactivity.

Important Notes for Accurate Testing:

- For maximum accuracy, wait at least 15 minutes after drinking or eating before testing.
- Do not smoke during the test.
- Use a new mouthpiece for each user to ensure hygiene.
- The device requires a recycling time of approximately 25 seconds between tests.

3.3 Changing the Unit of Measurement

After a reading is displayed, press the single button repeatedly to cycle through the available units: %BAC, ‰BAC, and mg/l.

3.4 Replacing the Mouthpiece

Remove the used mouthpiece and discard it. Attach a new, clean mouthpiece from the provided set for the next test.

4. Specifications

- **Model:** T1
- **Sensor Type:** Semiconductor
- **Accuracy Range:** 0.00 - 0.05% BAC
- **Display:** Digital LCD with backlight
- **Measurement Units:** %BAC, ‰BAC, mg/l
- **Power Supply:** 3 x 1.5V AAA alkaline batteries
- **Auto Power Off:** 3 minutes
- **Recycling Time:** ~25 seconds
- **Dimensions:** Approx. 115mm x 60mm x 20mm
- **Weight (without battery):** Approx. 40g

5. Package Contents

- 1 x Oasser T1 Digital Breathalyser
- 4 x Disposable Mouthpieces (Snorkels)
- 3 x AAA Alkaline Batteries (pre-installed)

6. Care & Maintenance

- Use only alkaline batteries. Remove batteries if the device will not be used for an extended period.
- Use only the provided or manufacturer-approved disposable mouthpieces.
- Do not expose the device to extreme temperatures, moisture, or direct sunlight for prolonged periods.
- Clean the exterior with a soft, dry cloth. Do not use liquids or submerge the device.

Warnings & Limitations:

- This device is for personal informational use only. **Do not use it to judge your fitness or legal suitability to drive.** Always obey local drink-driving laws.
- Readings can be influenced by various factors including metabolism, food, and mouth alcohol. The result is an estimate.
- If in doubt about your ability to drive, do not drive.

Warning

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