

AkcoSense Mini Breathalyser User Manual

Congratulations on purchasing your new **AkcoSense Mini**.

We hope you enjoy owning your **AkcoSense Mini** Breath Tester

If you have any questions regarding the unit or want to speak with us further, please call 1300 800 200 during office hours or visit www.andatech.com.au

Disclaimer

1. This product must be used strictly in accordance with the instructions in this manual.
2. This product is intended to provide the user with an indication of alcohol on the breath. However neither the manufacturer nor the supplier gives any warranty (express or implied) that the product can give any indication of blood alcohol level.
3. A person's BAC (Blood Alcohol Concentration) can only be accurately measured by the administration of a blood test. This product only detects alcohol on your breath.
4. In any circumstances the user of this product should not rely on the information provided thereby as an accurate indication of his or her blood alcohol concentration or of his or her level of intoxication or of his or her fitness to drive. In particular the user should not take any action in reliance on such information as the product can provide no more than an indication of alcohol on the breath.

If the user of this product makes any decision or takes any action based on the use of the product such decision or such action shall be at the sole risk of the user and neither the manufacturer nor the supplier assumes any responsibility for such decision or action. In particular, neither the manufacturer nor the supplier shall be in any way liable if the user of the product asserts that the product led him or her to believe that he or she was fit to operate a motor vehicle or machinery and is subsequently found not to be so fit.

Specifications

- Alcohol concentration sensitivity: 0.00 to 0.40% [change]
- Response time: 3-5 seconds
- Sensor: Semiconductor type alcohol sensor
- Power supply: 2 x 1.5" AA alkaline batteries
- Weight: 85 grams
- Dimensions: 104x40x20 mm

Operating Instructions

1. Turning on the power

Slide off the battery cover and remove the battery protector strip

To turn the unit on, press and hold the power button for 2 seconds.

The unit will commence a start up process to automatically re-stabilise the alcohol sensor.

The display will undergo a countdown sequence, indicating that purge cycles and circuit tests are taking place. This process generally takes 30 seconds but it may last up to 2 minutes. The unit is ready when it gives out two beeps and the 'WAIT' signal disappears from the bottom left of screen.

2. Blow into the unit

Making sure that your mouth is approximately 2cm away from the intake sensor, blow one deep breath. Once you have reached the optimum flow rate, you will hear a continuous beep indicating for you to keep blowing. The unit will beep twice once sampling is complete. Please note: Alcohol vapour on your breath will cause a higher reading. We recommend having a glass of water prior to testing and waiting at least 20 minutes after your last drink for a more accurate result.

3. Display

Range	Audio Sound
0.00 – 0.01% breathe sample alcohol reading	1 beep
0.02 – 0.04% breathe sample alcohol reading	2 beeps
Over 0.04% breathe sample alcohol reading	5 seconds beep

4. Retesting

When the 'WAIT' sign on the LCD is no longer illuminated and 0.00 is displayed, the unit has been reset and ready for retesting.

5. Low Battery Indicator

AlcoSense Mini will let you know when the batteries in the unit are running low and need to be replaced. The  symbol will be displayed on the screen during use when the battery runs low. New batteries (2x "AA" size) should be installed before retesting.

Note: the low battery signal flashes briefly during start-up. This does not mean the battery runs low.

Warnings

- Do not use the **AlcoSense Mini** as a tool to drink and drive. There is no safe level of alcohol consumption before driving or operating machinery.
- Rooms with poor ventilation, pollution, and/ or air conditioning may delay the time for resetting between tests.
- To obtain accurate results, wait at least 20 minutes after your last drink.
- Have a glass of water or other non-alcoholic beverage to minimise alcohol vapour in your mouth as the vapour can cause a higher reading.
- Retest 2-3 times to obtain a reliable test result.
- Blood alcohol concentration can continue to rise for up to 2 hours after the cessation of drinking.
- If your reading is close to 0.05, it is advised that you wait and re-test.
- It can take up to 10 hours to return to a zero reading after a high blood alcohol level has been reached. A further test should be carried out later in the day or the following morning.
- Do not blow cigarette smoke or liquid into the tester.
- Keep out of extreme temperatures and reach of children.
- To maintain accuracy, recalibrate the unit every 6-12 months depending on use. For detail of our recalibration see our website: www.andatech.com.au

Limits

AUSTRALIAN BLOOD ALCOHOL LIMIT: Adult License 0.05%

Some drivers are restricted to lower levels of BAC. Please refer to your local transport authority for your correct limit. If in any doubt do not drink and drive!

The safest alcohol level when driving is none at all. Alcohol impairs your judgement and can make you drowsy or sleepy. There are significant penalties in Australia and New Zealand for driving under the influence of alcohol which can include fines, loss of licence and /or custodial sentencing.

Recalibration and Service

The **AlcoSense Mini** uses a sensor to measure blood alcohol levels. Depending upon the amount of alcohol registered by the sensor over a period of time, it will require recalibration. If for personal use, the manufacturer recommends this is done every 6 months (or after 200 uses) although it may be required more or less frequently depending on the amount of alcohol registered by the sensor. If the breathalyser is not recalibrated, the unit may produce significantly higher results than expected or give a sensor error.

To have the breathalyser recalibrated:

- Carefully pack your breathalyser unit
- Enclose a cheque or credit card details for the amount of recalibration made payable to Andatech Pty Ltd (this fee includes the cost of shipping the unit back to you)
- Be sure to include your full name, day time contact and address for re-shipping
- Please include proof with date of purchase or invoice for reference.
- Send to: Andatech, factory 3/29-31 Clarice Road, Box Hill South Victoria, 3128
- The unit will be returned to you in 7-10 days.

For recalibration and technical support, please contact us at:

AlcoSense Hotline: 1300 800 200 or www.andatech.com.au

Warranty

Andatech warrants the product to be free from defects in workmanship or materials (excluding recalibration) under normal service for one year from the date of purchase.

Andatech's obligation under this warranty is limited to replacing, adjusting or repairing the unit if returned along with proof of purchase. This warranty is void if unit has been tampered with, maliciously damaged, or used for any purpose other than that intended.