

Sobermate

S7



 **andatech**
andatech.com.au
1300 800 200

USER MANUAL

V1.0. Updated October 2025.

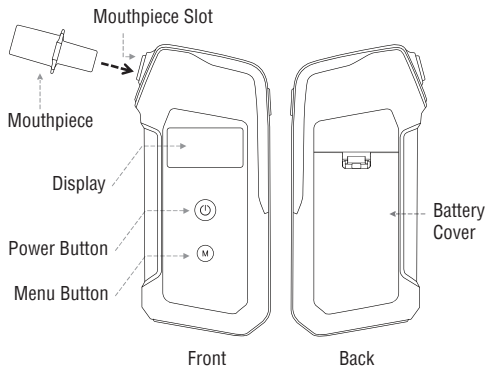


Congratulations on buying your new Sobermate® S7 breathalyzer.

Now, when you are drinking, you can be more aware of your alcohol level and make an informed decision before you drive.

If you have any questions regarding the device, please visit andatech.com.au or call 1300 800 200 (between 9am and 5pm)

COMPONENTS

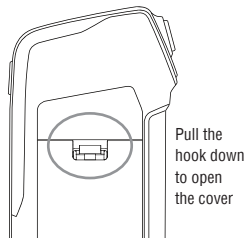
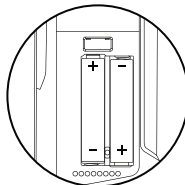


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AAA Size Batteries x 2
Mouthpieces x 6
Carrying Case x 1
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PREPARATION

Insert two AAA batteries
(1.5V Alkaline)



Insert two AAA batteries into the battery compartment, paying attention to the battery polarity.

Insert a mouthpiece into the mouthpiece slot before taking a test. Ensure that the mouthpiece fits securely inside the mouthpiece slot.

For hygiene reasons, change to a new mouthpiece before testing others.

OPERATING INSTRUCTIONS

- DATE / TIME
25-02-01 12:30
- NEXT CALIBRATION
360 DAYS

Step 1: Power On

Press and hold the Power button for 2 seconds to turn on the device.

The screen will display the alarm limit, current date (YY-MM-DD), and time.

Note: The device will automatically power off after 3 minutes of inactivity.

#B2 18°C 12:30

START BLOW

Step 2: Warm-Up

The warm-up process will begin automatically.

Once the device is ready, "START BLOW" will appear on the screen, accompanied by a double beep.

KEEP BLOW

Step 3: Provide Breath Sample

Blow steadily into the mouthpiece until the device beeps twice.

Note: The required blowing time may vary depending on environmental conditions and blowing intensity.

ANALYZING

Step 4: Analysis

Once a proper breath sample is collected, the device will automatically begin analysis

Step 5: Display Results

After a few seconds, the estimated Blood Alcohol Concentration (BAC) will appear on the screen and remain visible for 4 seconds. During this time, the Power and Menu buttons are disabled.



- ① Test Number
- ② Test Time
- ③ Previous Result
- ④ Current Result
- ⑤ Display Time

Once the result has been displayed, you can retest by briefly pressing the Power button, or turn off the device by pressing and holding the Power button for 2 seconds.

Important: The device will display a BAC result of 0.00% even when very low alcohol levels (up to 0.006% BAC) are detected.

A zero BAC reading does not guarantee complete absence of alcohol in the system.

STATUS DISPLAY



- ① Total number of tests performed
- ② Current temperature
- ③ Current time
- ④ Battery power

TROUBLESHOOTING GUIDE

BLOW ERROR	The breath sample is insufficient for a measurement. Conduct another test, following all instructions carefully.
LOW BATTERY	Battery level is too low for testing. Replace with brand new alkaline AAA batteries.
CALIBRATION DUE DATE HAS PASSED	Device has exceeded its recommended calibration interval. Please send the device back to us for calibration.
OVER NUMBER OF TEST ALLOWED	Device has exceeded its recommended number of tests. Please send the device back to us for calibration.
OUT OF TEMP RANGE	The device is out of operation range due to the temperature.
SAMPLING ERROR	Testing cannot be performed due to an issue in the sampling system. If sampling errors persist, please contact us for further instructions.
# BREATH SAMPLE WITH EXCESSIVE SALIVA	Excessive saliva is detected during the blowing process. Conduct another test, following all instructions carefully.

BASIC MENU SETTINGS

During the warm-up process (Step 2), press and hold the Menu button for 1 second to enter the menu.

Navigating Menu Options:

Move up: Press the Power button.

Move down: Press the Menu button.

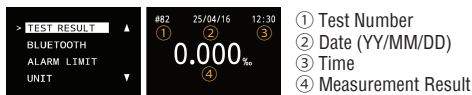
Select an option: Press and hold the Power button for 1 second.
Return: Press and hold the Menu button for 1 second.

Saving Settings:

General Saving: To save changes in most menus, press and hold the Power button for 1 second.

TEST RESULTS

The Test Results screen displays data from previous tests, including:



Press the Power button to view the previous result, or press the Menu button to view the next result.

Return to menu list: Press and hold the Menu button for 1 second.

Notes:

- If the memory is full, the device will automatically delete the oldest result and replace it with the newest result.
- It's recommended to regularly review and back up important test data.

BLUETOOTH



The Sobermate® S7 features Bluetooth 5.0 and connects to a smartphone via the **ALCOFIND (UNIVERSAL)** app.

Bluetooth Settings:

Available settings: ON / OFF

Default setting: OFF

To change the Bluetooth setting, briefly press the Power or Menu button to toggle between ON and OFF.

Save and return: Press and hold the Power button for 1 second.
Cancel and return: Press and hold the Menu button for 1 second.

Download the ALCOFIND app:



App Store (iOS):

Compatible with Version 9.0 or later



Google Play Store (Android):

Compatible with Version 7.0 (Nougat) or later

ALARM LIMIT



Set the threshold for the BAC alarm.

Available settings:

- OFF, or 0.010% to 0.100% BAC in 0.01% increments
- Equivalent to 0.10‰ to 1.00‰ in 0.10‰ increments

Default setting: 0.05% BAC

Adjusting the Alarm Limit:

Increase: Press the Power button.

Decrease: Press the Menu button.

Save and return: Press and hold the Power button for 1 second.

Cancel and return: Press and hold the Menu button for 1 second.

UNIT



Set the measurement unit for displaying BAC results.

Available units: %BAC, mg/100mL, µg/L, mg/L, ‰, g/210L

Default setting: %BAC

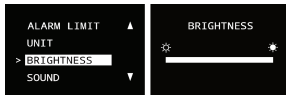
Changing the Unit:

Toggle options: Press the Power or Menu button.

Save and return: Press and hold the Power button for 1 second.

Cancel and return: Press and hold the Menu button for 1 second.

BRIGHTNESS



Brightness levels: 5 levels (from dark to bright)

Adjusting Brightness:

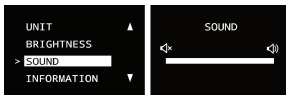
Brighten: Press the Power button.

Dim: Press the Menu button.

Save and return: Press and hold the Power button for 1 second.

Cancel and return: Press and hold the Menu button for 1 second.

SOUND



Volume levels: Volume levels: Off, 1, 2, 3, 4, 5.

Adjusting Volume:

Increase: Press the Power button.

Decrease: Press the Menu button.

Save and return: Press and hold the Power button for 1 second.

Cancel and return: Press and hold the Menu button for 1 second.

INFORMATION



View key device information:

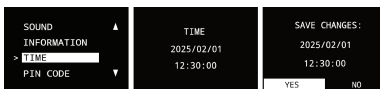
VER – Firmware version

CAL – Last calibration date and time (YYYY/MM/DD)

TEST – Total number of tests performed

Return to menu: Press and hold the Menu button for 1 second.

TIME



Format: YYYY/MM/DD, HH:MM:SS

Time Adjustment:

Change digit position: Press and hold the Power button for 1 second.

Increase value: Press the Power button.

Decrease value: Press the Menu button.

To save changes, press and hold the Menu button for 1 second or press the Power button at the seconds digit. Confirm by selecting YES, then press and hold the Power button for 1 second.

To cancel and return, press and hold the Menu button for 1 second.

TECHNICIAN



This menu option is used by authorised technicians only.

WARNINGS

- a. Allow at least 30 minutes after eating or drinking before testing. Any type of alcohol remaining in the mouth of saliva may interfere with proper testing and requires about 30 minutes to disperse. This includes alcohol-based mouthwash or similar products.
- b. Avoid testing in high wind conditions or in poorly ventilated or enclosed spaces. Poor ventilation may also lengthen the time required for warm up between tests.
- c. Do not blow smoke, saliva or other contaminants into the mouthpiece, as the sensor may become damaged. Wait at least 30 minutes after smoking before conducting a test.
- d. Do not use the breathalyser as a tool to drink and drive.
- e. Do not blow fluid into the instrument as it will damage the sensor and void your warranty.
- f. Do not store in an extreme environment where high temperature or high humidity exists. Keep out of the reach of children.
- g. To maintain accuracy, we recommend professional calibration every 12 months.
- h. Blood alcohol concentration can continue to rise for up to 2 hours after the cessation of drinking. If a caution result or a result is close to the designated BAC, it is recommended to wait and retest after 30 minutes.
- i. It can take 10 hours or more for the alcohol level to return to a zero after a high blood alcohol level has been reached. A further test should be carried out later in the day of the following morning.
- j. User-serviceable batteries safety:
 - Do not dispose of batteries in a fire.
 - Do not recharge a battery unless it is specifically marked "rechargeable".
 - Do not expose the device or batteries to heat source.
 - Do not mix old and new batteries, or mix different types or makes of batteries.
 - Do not allow children to play with the batteries.

LIMITS

AUSTRALIAN BLOOD ALCOHOL LIMITS: 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 level when driving is none at all. Alcohol impairs your judgement and can make you drowsy or sleepy.

DISCLAIMER

- 1) This product must be used in accordance with the instructions in this manual and - in particular - must not be allowed to get wet.
- 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 measures breath alcohol content which, in turn, only gives an approximately indication of blood alcohol concentration.
- 4) In these circumstances the user of this product should not rely on the information provided thereby as an accurate indication of his blood alcohol concentration or of his level of intoxication or of his fitness to drive and in particular 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.
- 5) 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.
- 6) 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 to believe that he was fit to operate a motor vehicle and is subsequently found not to be so fit.

SPECIFICATIONS

Indication of %BAC	0.000 to 0.500 %BAC 0.00 to 5.00 ‰ 0.00 to 2.50 mg/L
Accuracy	±0.005 %BAC at 0.100 %BAC at 25°C ±0.05 ‰ at 1.00 ‰ at 25°C ±0.025 mg/L at 0.50 mg/L at 25°C
Warm-Up Time	Within 5 seconds at 0.050 %BAC *May vary depending on the measurement condition.
Response Time	2 - 8 Seconds
Mouthpiece	Sobermate brand mouthpieces
Sensor Type	Fuel Cell
Power Supply	2 x AAA Alkaline Batteries
Memory Capacity	10,000 tests
Ambient Conditions	-5 to 50°C
Wireless Connection	Bluetooth 5.0
Calibration Frequency	Every 12 months of 1000 tests, whichever comes first
Weight	54 x 116 x 23 mm
Dimensions	90g including batteries

CALIBRATION & SERVICE

The Sobermate S7 uses a fuel cell sensor to measure breath alcohol levels. Depending upon the amount of alcohol registered by the sensor after a period of time, it will require calibration. The manufacturer recommends the Sobermate S7 to be calibrated every 12 months or every 1000 uses, whichever comes first. To maintain the device to Australian Standards, calibration every 12 months is required.

WARRANTY

The manufacturer warrants for 1 year from the date of purchase, the product to be free from defects in workmanship or material (excluding recalibration) under normal use. The manufacturer's obligation under this warranty is limited to replacing, adjusting or repairing the device if returned along with proof of purchase. This warranty is void if the device has been tampered with, damaged or abused in any way.

WARRANTY DETAILS

It is our aim to provide you with quality products that you can trust. Our products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or a refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The Guarantee

The product is guaranteed to be free from defects in workmanship and parts for a period of 1 year from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion, solely at our option with no charge for parts and labour. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Trade Practices Act and similar state laws.

Proof of Purchase

This warranty is valid for the original purchase and is not transferable. Please keep your purchase docket or receipt as proof of purchase and as proof of date on which the purchase was made. The purchase docket (or a copy) or receipt must be presented with the warranty when making a claim under this warranty.

Service during the Warranty Period

To claim for warranty, contact us at 1300 800 200 or email support@andatech.com.au to get an RA# (Return Authorisation Number). Ensure that the RA# is clearly stated on the outside of the packaging and that the product is properly packaged so that no damage occurs to the product during transit. Shipping of the product back to us for warranty will be at your cost. A product return without the RA# or proof of purchase will not be accepted.

Extent of Warranty

This warranty is limited to defects in workmanship or parts. All defective products or parts will be repaired or replaced. This warranty does not cover manuals and packaging.

Normal Wear and Tear

This warranty does not cover normal wear and tear to the product or parts.

Exclusions

This warranty does not cover:

- Calibration costs.
- Any defect caused by an accident, misuse, abuse, improper operation, lack of reasonable care, unauthorised modification, loss of parts, tampering or attempted repair by a person not authorised by the distributor.
- Any product that has been damaged by a lightning strike either directly or indirectly or a main power surge or liquid ingress.
- The product if it is located outside of Australia.
- Any damage caused by improper power input or improper cable connection.

PRODUCT REGISTRATION

my.andatech.com.au is a central location where you can register your warranty, sign up to receive calibration reminders and schedule calibrations. Once you have registered, you can add as many Andatech products as needed to that account.

Register online at my.andatech.com.au

PRODUCT REGISTRATION FORM

If you prefer the old fashioned method, complete this form and forward to the address below along with a copy of your proof of purchase.

Andatech Pty Ltd
PO BOX 3038, Nunawading VIC 3131 Australia.

Product Sobermate® S7 breathalyzer

Serial no.

Date of purchase

Place of purchase

Surname

Given name

Address

Suburb

Postcode..... State

Contact no.

Email