

DEFENDER®

Breathalyser



CERTIFIED TO THE SAME STANDARD AS POLICE BREATHALYSERS

The most affordable Australian Standards approved Fuel Cell sensor breathalyser in Australia.

Professional grade Australian Standards AS3547 approved electrochemical Fuel Cell Sensor technology is incorporated into this unit to provide high accuracy at an affordable price without compromising on quality.

Light weight yet sturdy design means the AlcoLimit Defender looks great and is easy to use!

- 3 decimal place accuracy
- Heavy-duty Fuel Cell sensor
- Range of 0.000-0.500%BAC (10 x the legal limit)
- Large digital display
- Simple and easy to use
- Australian Standards AS3547 approved

Easy-to-use

Operation is controlled by a single button. The display is illuminated for ease of reading in low lit areas. Audible beeps and display cues provide guidance for the user to ensure adequate breath is received. Automatic shut-off after each use saves power.

Fast & Accurate Results

Utilising a heavy-duty Fuel Cell sensor the Defender's accuracy and calibration are superior to all semi-conductor sensor breathalysers. AlcoLimit's self-check software provides a quick warm up and accurate results.

Conformance to *Australian Standard AS3547* ensures the accuracy, durability and functionality of the Defender breathalyser has been thoroughly tested.



Product Code: ALCO-080

Fuel Cell Sensor Technology

Fuel cell sensors were historically used in Police and workplace breathalysers due to their expensive cost. AlcoLimit is the first to include fuel cell sensors in their personal breathalyser range at a reasonable price. Accuracy is to 3 decimal places and the sensor maintains its accuracy for longer.

Flow Control Technology

AlcoLimit's Flow Control Technology checks the flow rate of your breath ensuring an adequate air sample is received for analysis.

Sensor Recognition Technology

AlcoLimit's Intelli-sensor Recognition Technology checks the sensor condition every time the breathalyser is initialised. Stability of the sensor is analysed as is the level or alcohol residue build-up on the sensor. An indication will be given if the sensor needs recalibration.

Uni-lateral flow Mouthpieces

Uniquely designed uni-lateral flow mouthpieces ensure precise breath flow directly on the sensor. The mouthpieces fit quickly and securely in one-way only.





Large Illuminated Display

The display of the Defender breathalyser is illuminated for day and night time use. It's large digits are easily readable by all users. Audible beeps and additional light indicators warn the user they have a high %BAC reading.

Get breath alcohol test results you can rely upon and feel the confidence in knowing you are safe to drive!



Product Usage Videos are available on our product page.

See How-to-Use a Defender Breathalyser.

PRODUCT SPECIFICATIONS	
Recommended Usage:	Personal
Sensor Type:	Heavy-duty Fuel Cell Sensor
Accuracy:	Conforms to Australian Standard AS3547 +/- 0.005% at 0.100% BAC
Calibration	Calibrated to the Australian & New Zealand legal limits
Range %BAC :	0.000 - 0.500
Display:	3 decimal places. Large display illuminated for night-time use
Warm-up time:	< 20 seconds
Breath Sampling Time:	5 seconds
Housing:	Shock Resistant Plastic
Weight:	84 grams (with batteries)
Power Source:	2 x 1.5v 'AAA' Alkaline batteries (supplied)
Dimensions:	114 x 47 x 24 mm
Warranty:	12 Month Limited Warranty
Mouthpieces:	Disposable - 5 included
Accessories:	Mouthpieces Pack of 10 (ALCO-030), Pack of 50 (ALCO-020) Pack of 500 (ALCO-043)



Please note: product specifications are subject to change without notice for the purpose of product improvement

AlcoLimit Breathalysers Pty. Ltd

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