



# AlcoSense Precision+



The AlcoSense Precision+ Breathalyser is a state of the art instrument ideal for personal and workplace breath testing. It uses an electrochemical fuel cell to measure the concentration of alcohol from the exhaled human breath. If alcohol is present, a corresponding voltage is generated from the fuel cell, proportionate to the alcohol content of the sample provided. This voltage is then sent to the microcontroller to calculate and display a %BAC. The Precision+ is Australian Standard AS3547 Certified.

The AlcoSense Precision+ has both direct and passive modes. In passive mode (fast testing) no mouthpiece is needed: the subject can simply speak or breathe into the mouthpiece slot to get an "Alcohol Detected" or "No Alcohol" reading. In direct mode you can attach a mouthpiece and obtain a highly accurate 3 decimal place readout.

It is the perfect tool for law enforcement, OH&S, schools, alcohol treatment, emergency rooms and medical professions.

Now with a large 2.4" TFT colour screen and clear onscreen instructions, the new AlcoSense Precision+ offers advanced features in a simple-to-use breathalyser ideal for accurate workplace alcohol testing.



## Features



### Fuel Cell Accuracy

High accuracy and hi-tech electrochemical sensor used in all police breathalysers promises exceptional accuracy and long lifespan to cater to high volume testing.



### Highly Accurate Readings

Provides exceptionally fast and accurate readings ranging from 0.000 to 0.400%BAC and reacts only to alcohol.



### Industrial Breathalyser

High accuracy, long term stability and sensor life makes it an ideal breathalyser for industrial use.



### Quality Assured

Australian Standard AS3547 Certified.



### Passive Testing (Fast Mode)

Offers standard testing for accurate results and passive testing without the use of mouthpieces for quicker results.

## Specifications

<b>Model No.</b>	ALS-PRECISIONPLUS
<b>BAC Range</b>	0.000% - 0.400%BAC
<b>Sensor Type</b>	Electrochemical fuel cell sensor
<b>Accuracy</b>	±0.005%BAC at 0.100%BAC
<b>Warm Up Time</b>	Within 3 seconds
<b>Response Time</b>	Within 3 seconds
<b>Recycle Time</b>	5 seconds
<b>Working Temperature</b>	(-)5 – 40°C
<b>Power Supply</b>	4 x AAA Batteries (Alkaline Only)
<b>Result Reading</b>	Normal Mode: BAC or BrAC Fast Mode: "Alcohol Detected" or "No Alcohol"

<b>Certification</b>	Australian Standard AS3547
<b>Continuous Use</b>	Over 500 tests
<b>Calibration Frequency</b>	Every 1000 tests Australian Standards Requirement: 6 months
<b>Display</b>	2.4 inch TFT Colour Screen
<b>Features</b>	- Dual mode testing (normal and passive) - Flow control, auto power off, and battery low indication
<b>Includes</b>	User manual, mouthpieces, hard case
<b>Mouthpieces</b>	5 mouthpieces supplied
<b>Product Weight</b>	150g including batteries
<b>Dimensions</b>	H:140mm, W: 55m, D: 30mm
<b>Warranty</b>	1 year