

The AlcoVUE® is a state of the art, highly accurate industrial-grade breathalyser used to detect Ethyl Alcohol from a valid breath sample, displaying it as a g/210L reading per Australian Standards.



- **Highly accurate, industrial-grade**
- **Fast results, short recovery time**
- **Fuel cell technology**
- **2.4" touchscreen, intuitive menu**
- **Stores up to 10,000 readings**
- **FREE software included**
- **Optional Bluetooth® printer**
- **Optional GPS function**
- **USB PC connection**

## AlcoVUE® Industrial-grade Breathalyser

### Platinum Electrochemical Fuel Cell

By using a long-term stability, platinum electrochemical sensor (the standard in police issued breath testers) to measure the concentration of alcohol from the sample of the expired breath from a human subject, a corresponding voltage is generated from the fuel cell, which is directly proportional to the alcohol content of the sample provided.

Having a high specificity to alcohol, the fuel cell is not influenced by acetone or other breath substances. The long term-stability of the sensor means you can count on accurate results year after year.

### Passive and Direct Operational Modes

The AlcoVUE® offers both quantitative (direct) and qualitative (passive) sampling. This means it can display either the breath alcohol reading in any of the commonly used units of measurement eg mg/L, % BAC, mg/100ml, mg/ml etc, or a simple pass / fail mode for zero-tolerance environments.

### Australian Standards AS 3547:2019 Certified

The AlcoVUE® is a complete preliminary alcohol testing solution for commercial and law enforcement applications, and holds a valid Product Certification Schedule for compliance with AS 3547-2019.

## Advanced Features

Including a touchscreen, 2.4" colour TFT display and the ability to hold up to 10,000 readings, the AlcoVUE® is fully configurable for any industrial, commercial or law enforcement application.

It is equipped with a mouthpiece (or sample cup) ejection feature (ensuring no contact with saliva), and Blue LED light for mouthpiece insertion. A hard plastic case is included for storing the device and accessories for easy transport.

## Print Test Results Quickly and Easily

The Bluetooth® thermal printer can be connected to the AlcoVUE® allowing for hard copy printing of test results when breath sample evidence is required. Test results can be printed immediately on the printer or from the AlcoVUE® memory at a later time.

## Accessories

Standard accessories with each AlcoVUE® purchase include 1 x leather pouch (for the AlcoVUE® instrument), 20 x mouthpiece tubes, 1 x passive sampling cup, 1 x USB data download cable, 1 x CD software interface, 1 x product manual, 1 x durable carry case (to house everything). Or purchase the complete AlcoVUE® Kit (DDS-ALV-KIT) which, in addition to the standard accessories, also includes the Bluetooth® Thermal Printer Set and 220-240V mains adapter. A rugged carry case for the complete kit is also available.

### OPTIONAL WIRELESS PRINTER



**Bluetooth® Thermal Printer Set**  
includes printer, printer roll & battery charger

## Simple Operating Procedure

The AlcoVUE® features simple and intuitive functionality ensuring a quick and easy procedure when obtaining a sample of expired breath from a human subject.

## Optional GPS Function

The AlcoVUE® can be supplied with optional GPS function, which will log the position of each instrument for each test it conducts.

## One Year Warranty

All major components of the AlcoVUE® product range include a 12 month warranty period.

## Product Specifications

The AlcoVUE® out performs many of the existing breathalysers available on the market.

<b>Sensor</b>	Long-life platinum electrochemical fuel cell
<b>Warm-up time</b>	< 1 second
<b>Ready-time</b>	< 1 second
<b>Analytical response time</b>	< 5 seconds
<b>Recovery time</b>	< 5 seconds at all ranges
<b>Working Temperature</b>	- 10 degC to + 50 degC
<b>Storage Temperature</b>	-25 degC to + 70 degC
<b>Battery</b>	4AA Alkaline batteries
<b>Battery Life</b>	>3000 tests
<b>Memory</b>	10,000 test records including additional information
<b>Display</b>	2.4" TFT Colour Touch Screen
<b>Stylus (touchscreen)</b>	Yes
<b>Sampling System</b>	Direct and passive
<b>Optional Power</b>	12V car adapter
<b>Clock</b>	Real Time
<b>Units of Measure</b>	BrAC mg/L or any other units BAC: gm%, mg/ml, mg/100ml, or any other units
<b>Detection Range</b>	0.000 g/210L to 0.300 g/210L ( <sup>2</sup> maximum accurate detection level)
<b>Accuracy</b>	0.000 - 0.100g/210L +/- 5% 0.100 - 0.300g/210L +/- 10%
<b>Recalibration</b>	every twelve (12) months
<b>Dimensions</b>	145mm x 65mm x 35mm
<b>Weight</b>	~255g with batteries
<b>Printer</b>	Bluetooth® Thermal Printer
<b>Mouthpiece LED locator</b>	Blue LED
<b>Data download</b>	USB



### Scan to watch VIDEO!

Scan the QR Code using an iOS/Android App to watch a video on the AlcoVUE® product!



### DDS-ALV Kit

includes standard accessories plus printer kit, mains adapter & carry case

\* Emissions Measurement \* Drug + Alcohol \* Environmental Monitoring \* Post Harvest Technology \*

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