



Lion AlcoBlow[®] and AlcoBlow-PF[®]



A fast, simple-to-use, screening instrument to determine the PRESENCE or ABSENCE of alcohol in breath, anywhere, with either PASSIVE or ACTIVE operation!

The Lion AlcoBlow[®] and AlcoBlow-PF[®] offer a non-invasive, easy and low-cost way to conduct rapid pass/fail screening. The AlcoBlow-PF is ideal for “zero-alcohol” workplaces and the AlcoBlow standard device suits users who are looking for additional LOW or HIGH alcohol readings. Both are invaluable in alcohol control programs, such as industry, prisons, and education establishments.

Instrument Features

- Simple to use:** **AlcoBlow** has just two control buttons. This means it's very simple to use, so training requirements are minimal.
- Fast, accurate analysis:** using the **Lion fuel cell sensor**. This ensures high specificity to alcohol, and a long, stable working life.
- Easy to read display:** the subject's alcohol level is shown on a single LED.
- No mouthpieces:** unlike conventional breath alcohol instruments, AlcoBlow makes no physical contact with the subject. This means there are no disposable mouthpieces, so the cost per test is very low.
- Dual-mode operation:** **AlcoBlow** has two possible modes of operation. Depending on the situation of the breath test.
- Active:** the subject blows into the cone: a sample of breath is then taken automatically for analysis.
- Passive:** the operator presses a button to draw breath from in front of the subject's face, but otherwise without his or her co-operation.



Simple Operating Procedure



1 Switch On



2 Automatic self-check



3 The subject blows



4 Observe result

User Controls

AlcoBlow® and AlcoBlow-PF® have just two push button controls and two LED indicator lights. These are each clearly labelled, easy to use, and protected for use under operational conditions:

ON / OFF SWITCH

Press and release once to switch on, then once again to switch off. If left unused for 2 minutes, AlcoBlow switches itself off automatically to save battery life.

STATUS LIGHT

Has two colours:
Red wait
Green ready for breath sample
 Also flashes to indicate "low battery".

ALCOHOL LIGHT

AlcoBlow: Three colours show the approximate alcohol level in the breath sample.

AlcoBlow-PF: Two colours show the presence or absence of alcohol in the breath sample.

AlcoBlow	AlcoBlow-PF
Green zero 0.00 to 0.010 %BAC	Green 0.00 up to 0.005 %BAC
Amber low 0.011 to 0.020 %BAC	Red 0.005% BAC and above
Red high 0.021 %BAC and above	

PASSIVE SWITCH

Press and release to take a sample of breath from in front of the subject's face while he is speaking (and thus exhaling).



Specifications and Features

Fuel Cell Sensor: high specificity to alcohol, unaffected by other possible breath contaminants.

Warm-up Time: there is no heater, so no warm up time.

Reading Response Time: less than about 5 seconds from sampling

Reading Display Hold Time: approximately 5 seconds, depending on the actual reading.

Recovery Times: typically 2 seconds at zero alcohol; 30 seconds at 0.20% BAC.

Temperature Range: from - 5°C to +40°C, for optimum operation.

Power Supply / Consumption: 4 new AA cells give at least 5,000 breath tests.

Dimensions: 256mm long X 48mm diameter.

Weight: approximately 300g (including batteries).

Beeper Function: advises of a change in display status.

Accessory Item: A protective carrying pouch is supplied with each AlcoBlow as standard.



The lion AlcoBlow® is certified to Australian Standard AS3547 by Benchmark Product Certification Services.

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