

Suitable for zero-tolerance environments, the ALCORapid® utilises a rapid, non-contact (passive) method of detecting the presence of Ethyl Alcohol from a valid breath sample.



ALCO
Rapid



ALCORapid® Alcohol Screening Analyser

Advanced Features

The ALCORapid® has been designed with simplicity in mind, providing qualitative results for use across a broad range of environments including industry, corrections and security, education and events.

The following features are included:

Ease of use: with only 3 function buttons (TORCH, BATON & TEST), the ALCORapid® requires minimal training

Fast, accurate results: 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*

Easy to read display: the subject's alcohol level is shown on a 1.29" single OLED colour display

No Mouthpieces: with no physical contact required between the subject and the ALCORapid® instrument, ongoing costs of mouthpiece consumables is not a factor. This ensures that the cost per test is very low

Dual-mode measurement: the ALCORapid® has two possible modes of measurement, depending on the requirements of the breath test:

Active: the subject blows into the cone, a sample 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 to use
- Fast results, short recovery time
- Fuel cell technology
- OLED display screen
- Luminous Baton & Torch Functions
- USB PC connection

Torch function: the ALCORapid® features a torch with 3 modes of operation; standard, extra bright & strobe

Luminous Baton function: the ALCORapid® also features a LED baton (solid or strobe illumination), ideal for traffic control situations.

Australian Standards AS 3547-1997 Certified

The ALCORapid® holds a valid Product Certification Schedule for compliance with AS 3547-1997.

One Year Warranty

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



Torch Function



Baton Function

*calibration is recommended every 6 months in order to maintain optimum accuracy



Simple Operating Procedure

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



Switch on



Wait for 'Please Blow'



The subject blows



Observe results

Specifications

The ALCORapid® outperforms many of the existing alcolmeters available on the market.

Sensor
Measuring Mode
Pumping mode
Detection Range
Sensitivity
Measuring Unit
Display
Function Buttons

Accuracy

Testing Time
Operating Temperature
Room Temperature
Storage Temperature
Atmospheric Pressure
Battery (Rechargeable)
Weight
Dimensions
Power Consumption
Torch Function
Baton Function
Recalibration
Power Saving Mode

16mm fuel cell
 Dual method: active or passive
 Continuous - can be stopped mid-test
 0 - 400 mg/100ml %BAC
 0.5 mg/100mL BAC
 mg/L (BrAC) or mg/100mL (%BAC)
 1.29" OLED colour display
 3 individual buttons; torch control, baton control and alcohol testing buttons
 Under standard concentration 50mg/100mL %BAC:
 A. blowing distance <5cm: ±5.0mg/100mL
 B. blowing distance 5-10cm: ±6.0mg/100mL
 C. blowing distance >10cm: ±10.0mg/100mL
 1 - 15 seconds
 0°C to 50°C
 20°C to 98°C
 -20°C to 70°C
 600 - 1400 hPa
 18650 Lithium Battery: 4.35V/3000mAh, >500 tests
 245g (including battery)
 300mm x 44mm
 Alcohol testing <50mA; Torch / Baton on <600mA
 Bright white, HIGH, LOW and FLASH
 ALERT RED LIGHT, BRIGHT and FLASH
 Required every 6 months
 During alcohol testing mode: auto shut down after 5mins. During Torch / Baton mode: function is disabled.



Scan to watch VIDEO!



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

