

# LIFELOC FC5 SENTINEL

PROFESSIONAL GRADE FIXED BREATHALYSER

FAST, SAFE AND ACCURATE  
BREATHALYSERS FROM PSA.

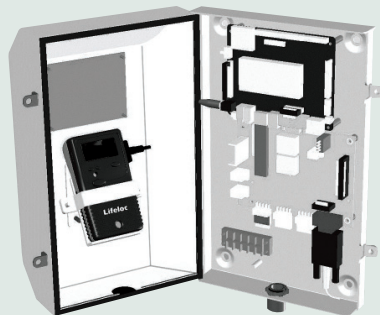
The FC5 Sentinel is a fixed, wall-mounted breathalyser that facilitates operator-free breath alcohol testing in high volume, safety sensitive work environments. This automated system can easily be integrated into most access control systems including turnstiles and security controlled access points.

Ideal for locations such as oil and gas refineries, construction sites, maritime, mining and general industry, the FC5 Sentinel needs no human intervention, reduces fraudulent testing and alleviates entry-point bottlenecks, as results are delivered instantly on negative tests.

## Operation

Lifeloc has a proven, 25 year track record in accurate, fast and repeatable breath alcohol testing. The FC5 Sentinel breathalyser is ideal for zero tolerance environments and doesn't require a mouthpiece. Readings are easy to understand, with a full colour LCD screen and clear icons. Logos, test sequences and messaging can be fully customized.

The unique design of the FC5 Sentinel allows for easy serviceability and maintenance.



Lifeloc



Instructs Users  
when to Blow



Test Pass  
Entry Allowed



Test Failed



No Entry

**PSA**  
WHERE SAFETY MEETS TECHNOLOGY

Gas Detection Instrumentation, Respiratory  
Protective Equipment, Alcohol Breathalysers  
and Specialised Safety Equipment

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## Features

- > Full Sized 1 inch platinum fuel cell
- > Double pump sampling system
- > Automatic passive testing
- > Temperature range
- > Breath Pressure Sensor
- > Full colour LCD Touch Screen
- > Accuracy
- > Analytical response time
- > Recovery time

## Construction

- > Rugged brushed anodised aluminium housing designed for rough conditions, eg. mines.
- > Housing provides protection from dust, vibration, condensation and tampering.
- > Power cables protected through a conduit limiting exposure to tampering, condensation or dislodgment through vibration. Unique to FC5 Sentinel.
- > Gaskets on housing, breath port and LCD provide additional protection from harmful dust and adds another layer of weather proofing.
- > Use of the FC5 breathalyser inside the casing ensures no condensation or saliva build up as breath does not come into contact with the boards or internal hardware.

## Benefits

- > Alcohol specific & provides exceptional life span and accuracy
- > Unsurpassed passive testing. Rapid multiple subject testing
- > Recognises the subjects breath flow and takes the sample without the need for straws, mouth pieces or buttons.
- > 0 - 55°C
- > Test will automatically activate when the subject begins blowing. Additional security against an uncooperative subject.
- > Universal, easy to understand visual prompts
- > ± ,005 BAC to ,100 BAC;  
± 5% Between, 100 to ,400 BAC
- > Immediate at zero alcohol levels, normally ≤ 10 secs
- > Immediate at zero alcohol levels, normally ≤ 20 secs
- > Reduced risk of tampering as there is no exposed power button. Once plugged in it stays on.

## Servicing

- > Unique design allows for easy servicing and maintenance.
- > On-site calibration is performed annually irrespective of the number of tests conducted. No need to open the housing, simply hold the adapter over breath port and follow prompts on the touch screen.
- > Automatic remote software updates done using a USB.
- > Side hinge design allows the unit to be opened without removing it from the wall.

## FC5 Sentinel Test Process



**NEG result**



Card reader turns on and employee can swipe card and open turnstile

**POS result**



Card reader remains off and employee won't be able to swipe card. Alarm sounds and stops them for entering

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