

Next Generation Breathalyser

Reduce accidents, protect assets, and save lives

Driving under the influence of alcohol is a leading cause of road accidents. Powerfleet's **Next Generation Breathalyser** is an advanced alcohol detection system, seamlessly integrated with cloud-connected technology, designed to prevent impaired drivers from starting or operating a vehicle. By verifying that drivers are sober before they get behind the wheel, Breathalyser greatly improves road safety and reduces alcohol-related incidents.

Features

-  **Precision Fuel Cell Sensor** 1
Measures breath alcohol concentration (BrAC) with highly precise readings ranging from 0.00% to 4.00% with an error value of 0.50% at $\pm 0.05\%$.
-  **Smart Cloud Platform** 3
Automatic upload of test data to a secure, cloud-based dashboard with seamless integration to third-party platforms and government supervision systems.
-  **Advanced Communications** 5
If a driver fails a breath test, violations are recorded as active events with detailed data logging and export capabilities.
-  **Facial Recording Technology** 2
Integrated 5MP camera with fill-light captures facial images during each test, creating a complete audit trail and ensuring full user traceability.
-  **Hygienic Design** 4
Clean, individually wrapped, disposable mouthpieces ensure optimal hygiene standards.
-  **Emergency Override** 6
The device includes an override function that ensures maximum mobility during emergencies while maintaining complete event logging.
-  **Fleet Integration** 8
Seamlessly integrates with Powerfleet's comprehensive fleet management solutions.
-  **GPS Positioning** 7
Dual-mode GPS/Beidou positioning provides real-time location data, making it perfect for monitoring mobile personnel or fleet vehicles.

● Technical Specifications

Summary

Sensor	Precision fuel cell sensor
Measurement Range	0-4.00% BrAC
Results Time	5 seconds
Operating System	Android 10
Camera	5MP with built-in fill-light
Weight	Approximately 275g
Operating Temperature	-10°C to 50°C
Communication	Global 4G connectivity
Display	RGB 480×854 capacitive touch screen

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