

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



1 Precision Fuel Cell Sensor

Measures breath alcohol concentration (BrAC) with highly precise readings ranging from 0.00% to 4.00% with an error value of 0.50% at $\pm 0.05\%$.



3 Smart Cloud Platform

Automatic upload of test data to a secure, cloud-based dashboard with seamless integration to third-party platforms and government supervision systems.



5 Advanced Communications

If a driver fails a breath test, violations are recorded as active events with detailed data logging and export capabilities.



7 GPS Positioning

Dual-mode GPS/Beidou positioning provides real-time location data, making it perfect for monitoring mobile personnel or fleet vehicles.



2 Facial Recording Technology

Integrated 5MP camera with fill-light captures facial images during each test, creating a complete audit trail and ensuring full user traceability.



4 Hygienic Design

Clean, individually wrapped, disposable mouthpieces ensure optimal hygiene standards.



6 Emergency Override

The device includes an override function that ensures maximum mobility during emergencies while maintaining complete event logging.



8 Fleet Integration

Seamlessly integrates with Powerfleet's comprehensive fleet management solutions.

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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