

# ALCOSENTRY™

Alcohol Screening System

Available through:



## ALCOLOCK UK

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Designed in Canada by  
Alcohol Countermeasure Systems Corp



## Warranty

All ACS products are warranted to be free from defects in workmanship and material for one year from the date of purchase. Only qualified technicians should perform maintenance.

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# Operational safety

## Ease of use

ALCOSENTRY is fast, non-invasive and fully automated. Simply blow moderately and continuously for 5 seconds, the user friendly LED display instantly signals a **Pass** or **Fail** test result.

## Workplace safety

ALCOSENTRY is installed in access control environments, reducing alcohol consumption related incidents. With a large number of industrial fatalities and injuries linked to alcohol consumption, ALCOSENTRY can enhance existing safety-sensitive programs. Examples include:

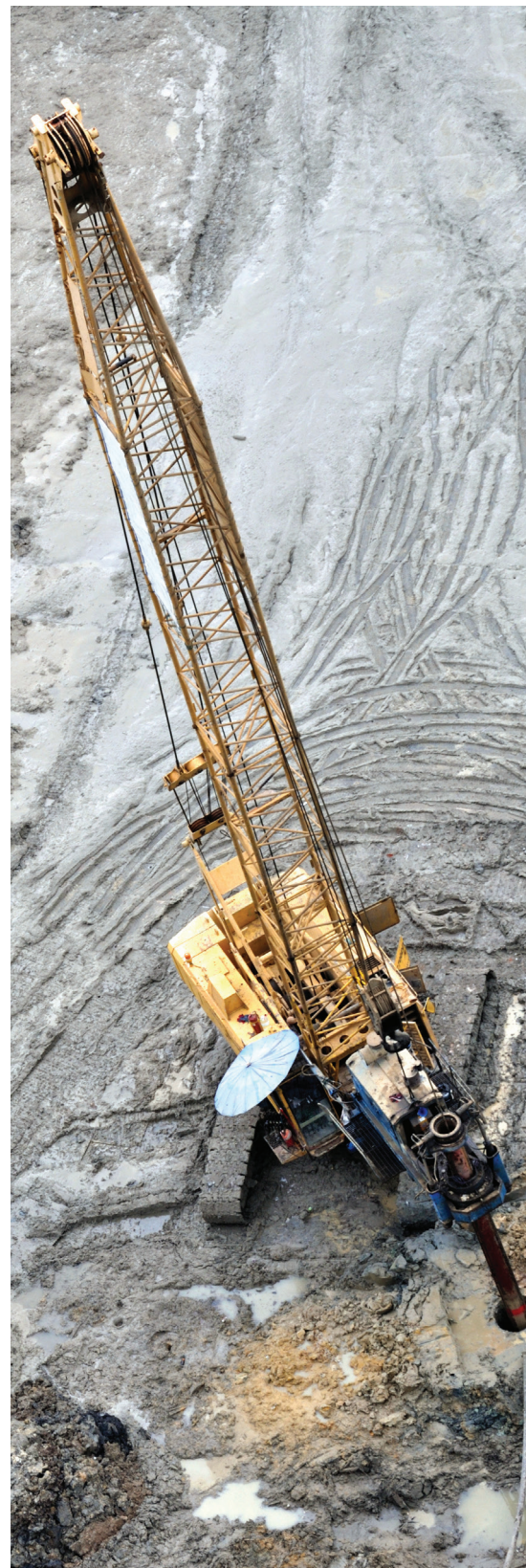
- Airports
- Bars
- Casinos
- Colleges and universities
- Construction sites
- High schools
- Hospitals
- Nightclubs
- Penitentiaries
- Restaurants
- Sports arenas
- Tool shops

## Alcohol screening system

ALCOSENTRY is manufactured for a long working life in harsh, safety-sensitive environments. Withstanding vibration, dirt, dust and humidity, ALCOSENTRY is ideal for health, mining, construction and gas and oil industries.

## Electrochemical sensor technology

ALCOSENTRY uses electrochemical sensor technology, the standard for law enforcement breathalyzers. Delivering results in less than 10 seconds, providing proven reliability.



**Sensor**  
Electrochemical



**Specificity**  
Alcohol only; no response to ketones or hydrocarbons



**Range of measurement**  
0 to 2.50 mg/L



**Purge cycle**  
< 30 seconds



**Analysis time**  
< 10 seconds



**Recycle time**  
15 to 45 seconds



**Accuracy**  
 $\pm 0.03 @ 0.25 \text{ mg/L}$



**Display**  
LED interface



**Operating temperature**  
 $+5^\circ\text{C}$  to  $+50^\circ\text{C}$



**Power supply**  
PoE, USB and DC



**Calibration**  
ALCOSIM™ breath alcohol simulator or equivalent



**Dimensions**  
130 mm x 80 mm x 65 mm



**Weight**  
223 grams