

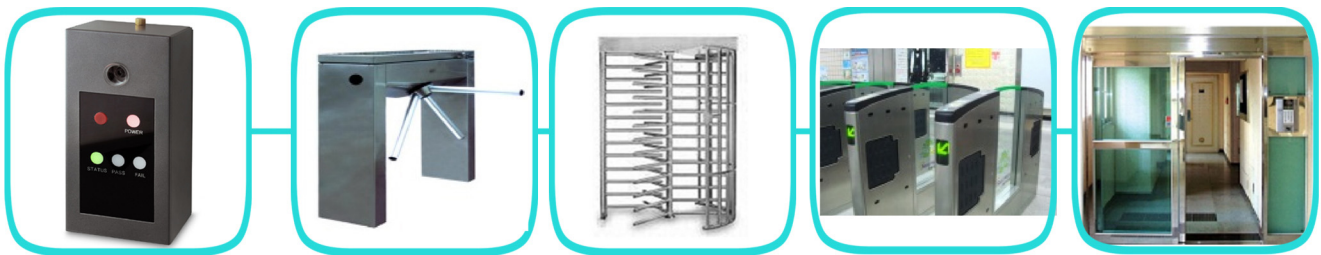
Fuel Cell Technology
**ALCOSCAN
 EBS**



Simply check your alcohol concentration with EBS
 which is installed with access system
 to prevent alcohol related accidents in workplace




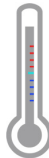

What is Entrance Breathalyzer System, EBS?

It is to control the entry of workers into their workplace by simple checking of alcohol concentration from subject's exhaled breath. It can be installed with turnstiles, auto door, speed gate or any other type of access control system.



What is the advantage of EBS?

- Highly sensitive & accuracy alcohol sensor
- Replaceable alcohol sensor module
- Value added service as optional access control system
- Fast alcohol checking: Max.12 persons/1 minute
- Applicable access system where in Casino, Mining, Petrochemical plant, Heavy machinery work place, Laboratory, Stadium

<p>Sensor Type</p>  <p>Fuel Cell Alcohol sensor</p>	<p>Accuracy</p>  <p>0.60‰</p> <hr/> <p>0.50‰</p>  <p>0.40‰</p>	<p>Working & Storage</p>  <p>+40°C 50°C +5°C 0°C</p>	<p>Dimension (mm)</p> <p>200 (H) 70 (T) 100 (W)</p>	<p>Weight</p> <p>0.95kg (Including batteries)</p> 	<p>Power</p> <p>12V/1.5A</p>
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No More Alcohol related Accident in Workplace

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EBS in the media

- Installation on access control system in Russia
See more at (Russia TV show); <http://topspbvtv.ru/news/news9608>
- Installation on access control system in South Africa
See more at (South Africa TV show & Magazine review);
<http://www.miningweekly.com/article/mining-sector-needs-more-alcohol-education-to-uphold-safety-standards-2012-09-21>

2013 NEW VERSION OF EBS



Russia



South Africa

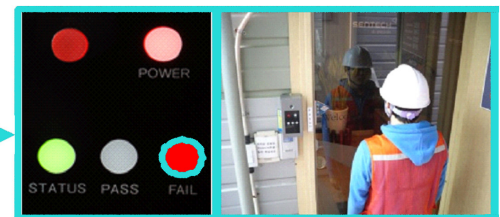
Testing Procedure



Pass green on
Non alcohol detected: **Access available**



Measurement of
Alcohol concentration



Fail red on
Alcohol detected: **Access unavailable**



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EBS- 010_New version of EBS

- **Enhanced and simple design**
- Enabling breath sampling correctly and easy to read test result
- **PC connectable(Optional)-USB interface**
- PC software can control EBS-010
- **Semi-water proof case**
- Endurable temperature & humidity changes
- **Sampling hole coverage**
- Preventing sensor damaged from dust or pollutants in the air



<Specification EBS-010>

Indication of B.A.C.	Test result indicated by LED display PASS : Indicate Green Lamp FAIL : Indicate Red Lamp (Level of PASS can be adjustable)
Accuracy	±10% at 0.500 g/L
Sensor	Replaceable fuel cell type alcohol sensor
Mouthpiece	No need to use
Power supply	DC12V 1.5A
Warm up time	3 seconds ~ 4 minutes
Response time	Within 3 seconds at 0.000 g/L Within 10 seconds at 1.000 g/L
Ambient conditions	Storage: 0 to 50°C / Operation: 5 to 40°C
Dimension	206(height) × 108(width) × 37(thickness) mm
Weights	674g