

Official Representative



BreathScan Pro®

The BreathScan Pro alcohol detection system is an extension of the BreathScan detector that incorporates an enhanced, disposable BreathScan® tube and digital analyser called the BreathScanner.

The BreathScan Pro system is designed for use as a Screening device, incorporating the advantages of a single-use disposable system, combined with the accuracy and precision of a digital breath alcohol detector.



BreathScan Pro

The test subject exhales into the BreathScan® Pro detector, and the detector is inserted into the BreathScanner. Using sophisticated optical technology, the analyser provides quantitative results of breath alcohol levels, ranging from 0.00 per cent to 0.15 per cent Blood Alcohol Concentration (BAC).



Breath Condensate Collection technology;

- 3 steps to complete, immediate results
- Single-use, disposable devices
- Hygienic use of disposable mouthpiece
- Lightweight, hand-held digital analyser for precision readings
- Quality and Reliability demonstrated by US FDA
- Administration (FDA) Clearance— over 99% accuracy in Clinical Trials
- FDA 510(k) approved
- No calibration required
- Precision of results ensures validity of Alcohol Testing for screening and law enforcement
- Storage in wide range of temperatures & conditions allows use in all environments

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Infinite Security Solutions Ltd – Anguilla | Infinite Security Solutions Global Ltd – HK
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BreathScan is a fast and portable way to help detect the presence of alcohol in an individual's breath. The device is a disposable breath condensate collection tube, small enough to fit onto a key chain, and through which an individual can easily blow for a few seconds.

The reagent within the tube is based on Akers Biosciences Inc.'s proprietary Micro Particle Catalyzed (MPC) Biosensor technology Recon which permits rapid identification of the presence of substances in the body and medical conditions through biomarkers in the condensation on the breath.

The reactive micro-particles are packaged in a glass ampoule in the tube which is crushed immediately prior to use, releasing the treated particles of silicon. Through a catalyzed process these reactive particles form a complex reaction with the biomarker in the breath condensate which is then viewed as a colour change.



A test requires two steps to complete - the subject exhales for 12 seconds into the BreathScan® detector tube; after 2 minutes the result will indicate if the individual has a Blood Alcohol Concentration (BAC) over the pre-calibrated level of the tube. The tube is a single-use, disposable device, small enough to fit in a pocket or be carried on a key ring. BreathScan is registered with the US FDA and holds 510(k) clearance. As a single-use tester there is no risk of cross-contamination between tested subjects. It is a highly accurate and extremely cost-effective system for screening individuals for the presence of alcohol. BreathScan does not require any form of calibration.



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- 2 steps to complete test, immediate results
- Single-use, disposable device
- Quality and reliability demonstrated by US FDA
- Administration (FDA) Clearance - over 99% accuracy in Clinical Trials
- Precision of results ensures validity of Alcohol Testing for screening purposes and law enforcement;
- Storage in wide range of temperatures & conditions allows effective use in all environments.



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