Breath Logix Alcohol Breathalyzer

- Rapid, accurate high throughput testing
- Fast cartridge change (no calibration needed)
- Autonomous device with low-cost maintenance
- Rugged industrial wall-mounted design for variety of workplaces
- Cloud connectivity and data management system
- Intuitive operation in two modes, straw and contactless



BreathLogix
Industrial Series

Br-LGX-IS

ALCOHOL BREATHALYZER

Introduction

For over 10 years, Cannabix Technologies Inc. has been developing innovative breath screening devices for law enforcement and the workplace.

Breath Logix (Br-LGX-IS) industrial series is a fully automated breath alcohol screening system for employee, contractor and visitor access control. Br-LGX-IS is self-administered, non-invasive and has both contactless and direct straw modes. This product is engineered for rapid, accurate and repeatable high-volume screening in various employment settings. Its robust design, field proven alcohol sensing technology and ease of use provide long working life and exceptional subject compliance.

Key features

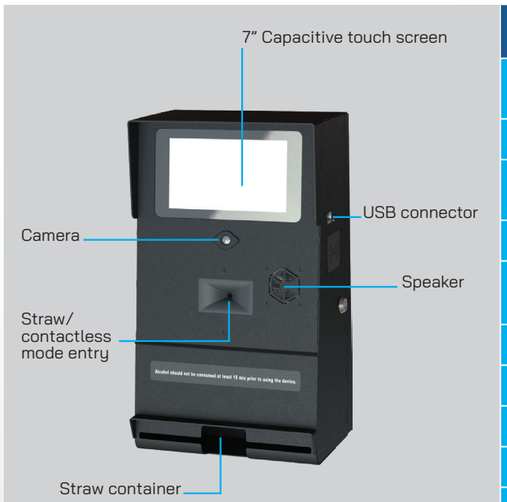
Breath Logix offers fully integrated solutions with intuitive graphic interface in an autonomous wall-mounted unit.

The Br-LGX-IS includes an innovative pre-calibrated modular cartridge technology that allows customers and distributors to efficiently maintain calibration and servicing of their Br-LGX-IS devices.

The Br-LGX-IS cartridge technology will reduce costly and time-consuming legacy calibration processes.

BreathLogix
Industrial Series

Br-LGX-IS Alcohol Breathalyzer



Specification	
Alcohol Sensor	Fuel Cell with high sensitivity and wide detection range
Detection Range	0 to 0.3 g/210 L BrAC
Accuracy	± .005 g/210 L for 0 to 0.05 g/210 L BrAC. ± 10% for 0.05 to 0.3 BrAC
Response Time	Under 20 seconds
Recovery Time	10 seconds for negatives, under 60 seconds on positives
Display	7" capacitive touch screen
Operating Temperature	32° - 113° F (0° - 45° C)
Power	12 Volt DC power adapter
Size	9.8" x 17" x 6.6" (25 x 43 x 17 cm)
Weight	20 lbs
Material	Sheet metal

Features

- RFID
- Speaker for voice commands
- Camera
- Alcohol detected not detected
- BrAC level
- Replaceable sensor cartridge
- Contactless and Straw mode
- Errors displayed when relevant
- Email and text notification
- Wi-Fi, Bluetooth, Ethernet, USB and RS 232 connectivity
- Remote management dashboard with Amazon AWS
- Calibration due displayed warnings
- Internal data storage as well as uploading to the cloud
- Dust and water resistant
- Daily/weekly/monthly logs backup
- Straw dispenser built in, easy refill

What Breath Logix offers

Rapid, accurate high throughput testing

Rapid 8 seconds test time for negative tests, and 120 tests per hour. Accuracy of ± .005 g/210 L for 0 to 0.05 g/210 L BrAC. ± 10% for 0.05 to 0.3 BrAC.

Fast cartridge change (no calibration needed)

Pre-calibrated modular cartridge technology. Less than 10 seconds cartridge replacement. Save on traditional costly calibration and time-consuming processes.

Autonomous device with low-cost maintenance

No administrative needed. Save on operation and cost and time on managing people and schedules. No heavy-duty maintenance required.

Rugged industrial wall-mounted design for variety of workplaces

Water and dust resistant rugged engineered device that can be used in multiple settings including indoor and outdoor workplaces.

Cloud connectivity and data management system

Streamlining Your Data: Discover Br-LGX-IS Advanced Management Portal using AWS services.

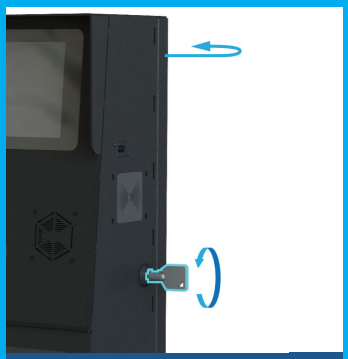
Intuitive operation in two modes, straw and contactless

Non-invasive self-administered device that operates in two different modes: Straw and contactless. If tested positive in contactless, the user would be asked to do a straw test.

Breath Logix Accessories

- Breath Logix Cartridge
- Printer
- RFID
- Integration Hub
- PM 2.5 sensor
- Camera
- External Memory
- Biometrics Scanners

Breath Logix Cartridge Replacement



Turn device off, use the key to open the back door and remove cartridge holder and knob from the old cartridge by turning counter clock and put aside.



Remove **old cartridge** and put aside.



Insert the **new cartridge** in a way that Cannabix logo is faced towards yourself, push it all the way in.

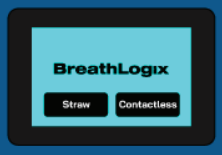


Put back the cartridge holder and knob from step one and turn clock wise, close the back door and lock and keep the keys in a safe place.

How Breath Logix Works

Step 1

Start test and select mode (either straw or contactless). Follow screen prompts and voice commands.



Step 2

Mode A or **Mode B**

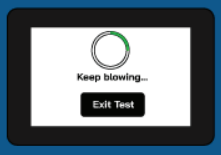
Stand in front of the device, follow the voice and screen prompts to maintain the right distance and blow.

Take a straw and insert into the sample intake hole and begin blowing.



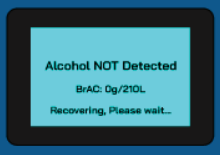
Step 3

Provide one single continuous blow, until the user is prompted to stop.



Step 4

Breath alcohol results (BrAC reading) will appear on the screen in less than 60 seconds.



Amazon Web Services

aws

Br-LGX-IS uses AWS S3 services to keep your data safe and secure to be accessed from all around the world. Br-LGX-IS portal uses AWS Lambda for password protection, ensuring only authorized users can access your information. CloudFront adds an extra layer of security, safeguarding your data from potential threats. By digitizing and centralizing your alcohol testing processes, Br-LGX-IS provides service from compliance monitoring to performance analysis and simplifies it all.