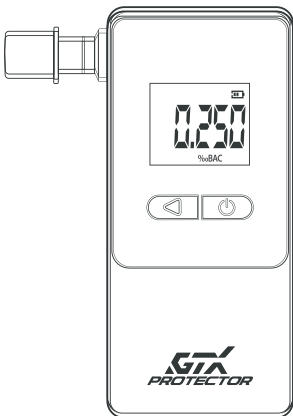




# BREATHALYZER

ELECTROCHEMICAL

## USER MANUAL



# SCHEME & SPECS

---

0,00 4,00



testing range ‰

**precision**

+/-0.05‰ BAC  
at 0.50‰



re-calibration:



**1000**  
tests

**12**  
months

sensor  
electrochemical



operating and  
storage temp.:  
0°C ~ 40°C



**2 alkaline  
batteries  
1,5V AAA**



dimensions:  
46 x 105 x 17 mm

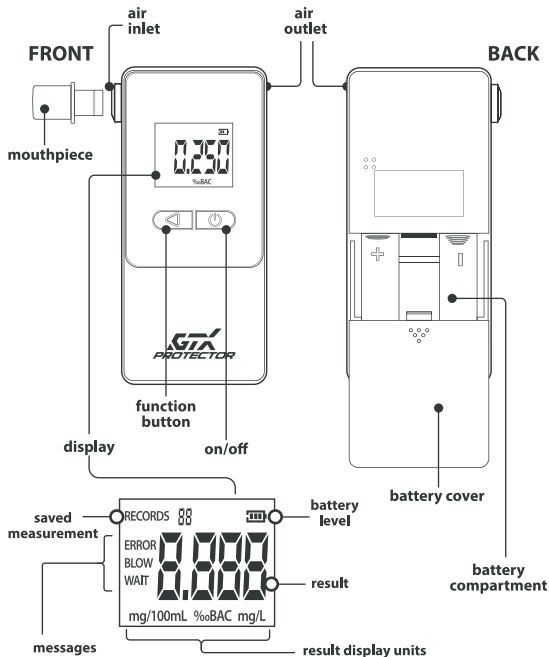


weight without  
batteries:  
53 g

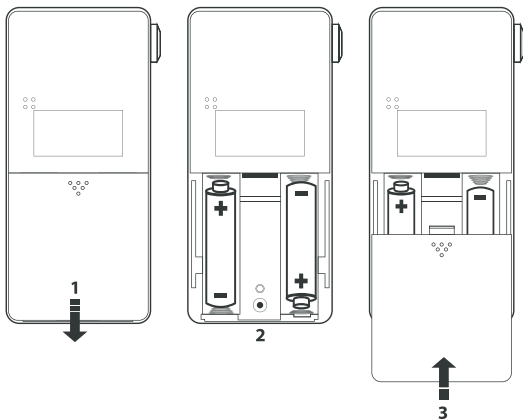


measurement history,  
visual and audible threshold alarm

# SCHEME & SPECS



## Battery replacement



Press the battery compartment cover and slide it down (\*1). Slide the battery cover along the guides until it is completely detached. Then, place two 1.5V AAA (LR03) alkaline batteries in the battery compartment, ensuring correct polarity (see image) (\*2). After placing the batteries in the power compartment, align the battery cover with the device guides and slide it upwards until you hear a click (\*3).

Do not use rechargeable batteries, as they have a lower voltage that can affect the operation and lifespan of the sensor.

## Storage and General Notes



Do not eat, drink, or smoke for 30 minutes before taking a measurement.



Store in a dry place, avoid direct sunlight and temperatures outside the range of 0 to 40 °C. Do not store in a car!



Do not disinfect or clean the device with alcohol or other disinfectants. Do not touch the breathalyzer for at least 30 minutes after hand disinfection.

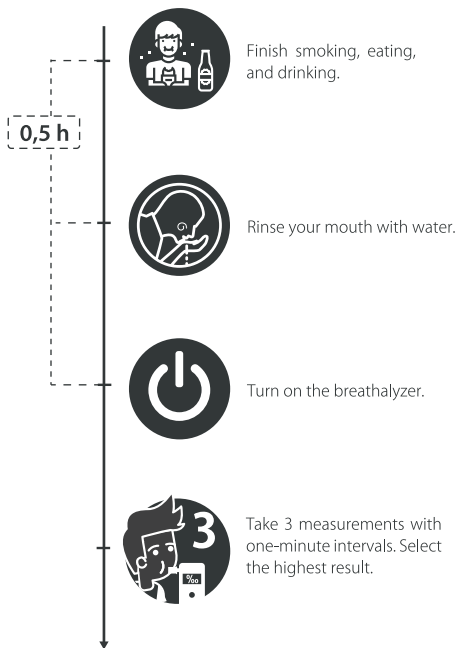


Do not take a measurement immediately after consuming alcohol. Blowing into the breathalyzer directly after alcohol consumption can damage the sensor and result in inaccurate readings.

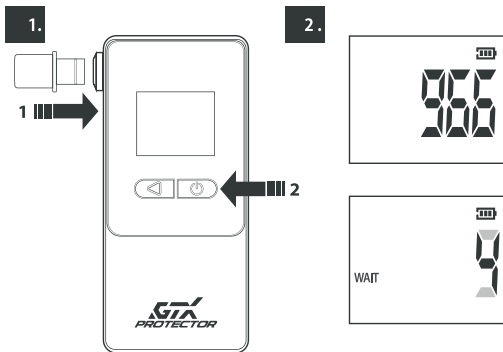


Do not store the breathalyzer near volatile substances, including alcohol. Do not blow liquids or smoke into the sensor and do not immerse the device in liquids. Do not clean the device using detergents.

# BEFORE STARTING THE MEASUREMENT



# MEASUREMENT



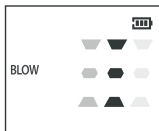
Insert the mouthpiece into the measurement port (\*1). Turn on the device by pressing the function button on the main panel (\*2).

After turning on, you will hear a single beep. The display will show the number of measurements remaining until calibration, and then the breathalyzer will begin preparing for the test, counting down from 5 to 0.

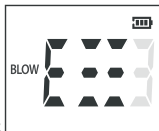
# MEASUREMENT

3.

1

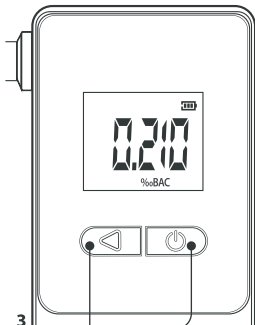


2



The breathalyzer is ready to take a measurement (\*1). Blow continuously for about 6 seconds. During the measurement, the breathalyzer will display the progress of the sample collection (\*2), and will signal the end with a short beep. After analyzing the sample, the breathalyzer will display the result (\*3). At this point, you can either wait 30 seconds for the breathalyzer to turn off automatically or press one of the buttons to perform one of the following actions:

3



- A short press of the power button initiates the preparation for the next measurement.
- Holding the power button for about 3 seconds turns off the breathalyzer.

## RECORDS

Save the result to memory by holding the button for 2 seconds\*

\* more on page 10



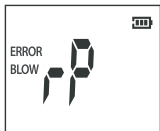
## MESSAGES



Number of tests remaining until calibration. \*sample result.



The breathalyzer requires calibration.  
Contact customer service.  
See page 12.



The device did not receive a sample of air or the sample was too small. Perform the measurement again, blowing with a steady and consistent breath.



Result saved to memory.



Fully charged batteries



50% battery charge



30% battery charge. Battery replacement required.

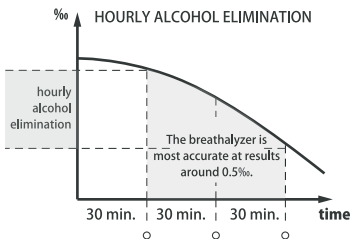


Depleted batteries. Battery replacement required. See page 3.

# Hourly alcohol elimination

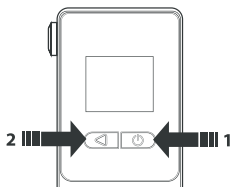
The concentration of alcohol in the blood and breath changes over time. It first increases during the absorption of alcohol into the blood and then decreases during the elimination (metabolism) by the body. The breathalyzer can help estimate which phase you are in: the rising concentration phase or the alcohol elimination phase. To do this, take measurements when you do not intend to consume more alcohol.

We suggest taking at least 3 measurements at equal 30-minute intervals and recording each result. Comparing these results will indicate which phase you are in. By using 3 decreasing results taken at equal intervals, you can estimate when your body will be free of alcohol.

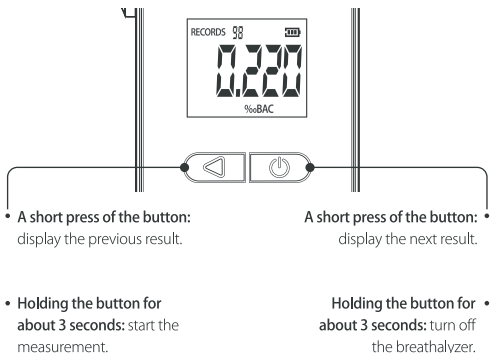


3 decreasing measurements taken at intervals of 30 minutes.

# MEASUREMENT MEMORY



Turn on the device (\*1), then hold the function button for about 2 seconds to access the saved measurements. Review the saved results using the buttons (see the diagram below).



The breathalyzer will turn off after 30 seconds of inactivity!

## TROUBLESHOOTING: READ BEFORE RETURNING THE DEVICE FOR REPAIR

If you feel that your breathalyzer is not working properly, we recommend checking whether the cause might be:

1. Using worn-out or incorrect batteries can affect the accuracy of the results. Use only high-quality alkaline batteries. **Do not use rechargeable batteries.**

2. Breathalyzer calibration. Every breathalyzer must be calibrated according to its technical specifications. Within 12 months of purchasing the breathalyzer, we will perform the calibration service for **FREE!!!** More information at **gtxscan.com**.

3. Each person has a different ability to metabolize alcohol, and this ability can vary periodically depending on many factors. Therefore, if your GTX PROTECTOR breathalyzer is regularly calibrated according to the service interval and you use it according to the instructions, and if three successive results are similar, it is most likely working correctly. You can read more about the factors affecting breathalyzer measurements at **gtxscan.com**.

## CALIBRATION

**Calibration is a concept inseparably connected with EVERY BREATHALYZER.** It means that at intervals specified in the specifications, the breathalyzer must be reconfigured to correctly interpret the readings of the aging sensor. The need for calibration is indicated by appropriate messages displayed on the device (page 8) and results that are significantly different from reality - for example, 0.5‰ despite not consuming alcohol.

**The need for calibration is not a defect of the breathalyzer and is not subject to warranty claims.** Please do not expect an uncalibrated breathalyzer to provide accurate results. Calibrations after the free service period are chargeable and can be done at the SPEED-UP / ALKOTESTER.PL headquarters (also by mail) or at another authorized breathalyzer service point. **Additional information can be found in the separate Warranty Card included with the product.**

## CALIBRATION

**12**  
miesięcy



**1000**  
pomiarów

Calibration of this model should be performed **every 1000 measurements or every 12 months** (regardless of the number of measurements taken). Regular calibration is necessary to maintain the proper functioning of the device and to extend the sensor's lifespan.



**Note** - Calibration of this breathalyzer is **FREE within 12 months** from the date of purchase at the Speed-up headquarters and other authorized service points. **More information can be found in the warranty card included with the product.**



PRODUCENT:

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