

Thank you for buying our 1T07 digital breath analyser, which measures residual alcohol content in your breath and indicates the possible level of intoxication.

## Instructions for use

1. Insert two 1.5V AAA size **alkaline** batteries into your device. The device will immediately start to warm up and indicate INITIALIZE on the display. The device heat-up includes an automatic sensor cleaning, sensor activation and the device will be ready for use after approx. one minute.
2. Prior to using the breath analyser, wash out your mouth with clean water. Do not smoke or drink alcohol for at least 10 minutes prior to measurement.  
!!! Measuring immediately or shortly after drinking alcohol is inaccurate and usually also causes damage to the measuring sensor. Claim due to this cause would be unjustified.
3. Tilt the swivel mouthpiece perpendicular to the device. Only this swivel mouthpiece can be used for testing. When testing several persons, for hygiene, put the tube (delivered along with the device) onto the mouthpiece. Use a new blow-in tube for each person.
4. Push the button to turn the device on, followed by testing sensor activation lasting for approximately 20 seconds. "PH", followed by "WAIT" will appear on the display and a countdown to zero will appear. At the end of the countdown, an audible signal will sound and "READY" text will appear shortly on the display. Thereafter, "BLOW" will start flashing on the display, indicating that the user can start the test.
5. Push and hold the button. A long beep will sound and "BLOW" will light steadily. At this moment, insert the mouthpiece into your mouth and blow-in uninterruptedly for around 6 to 7 seconds.
6. Stop blowing after a double beep. The device will now start analysing, which is indicated by "READING" text flashing on the display.
7. The measured value will be displayed.
  - If the measured value is lower than 0.2 ‰, the value on the display will indicate 0.0 ‰ or 0.1 ‰ alcohol in breath.
  - If the device measures a value between 0.2 ‰ and 1.5 ‰ of alcohol in breath, the measured value will appear.
  - A pre-set value of 0.2 ‰ will alert excess of the tolerated value limit for driving motor vehicles by activating the display background.
  - When the value exceeds 1.6 ‰ of alcohol in breath, the "HI" and "NO DRIVING" texts will start flashing on the display.
8. For new measurement, press button again.
9. After four subsequent measurements, leave the device at standstill for 2 minutes.
10. By pushing the button for 2 seconds you will turn the device off. The device will power off automatically after approx. 35 seconds.

## Power supply

1. Batteries – use exclusively 1.5V alkaline batteries. 1.2 V rechargeable batteries are insufficient for device operation. Especially when using partially discharged rechargeable batteries, the display intensity may be reduced and the device will interpret this condition as result of discharged batteries.

## Notes

1. To achieve the most accurate results, we recommend you to clean the testing chamber with utmost care from previous blowing, especially in case of repetitive subsequent measuring cycles. This can be done by shaking the device in your hand, following the direction of the blow-in mouthpiece a few times in both directions. A perfect cleaning can be achieved by fresh air stream - e.g. using a fan.
2. When the batteries are low, an icon will flash on the display. In that case immediately replace batteries with new ones.
3. Powering the device off using push-button or automatically after 35 seconds means that the device will turn into stand-by mode. If you know that you won't use the device for a longer period of time and wish to avoid slow battery discharging, remove them from your device.
4. If the tester has not been in use for a prolonged period, the results of the first two tests may differ from actual values. If the difference between two measurements exceeds 0.3 ‰, you should carry out one more measurement.
5. When blowing into the device, do not obstruct air outlet from the device – this would cause inaccurate measurement.

## Storage and use

1. Store the device in dry environment without the presence of chlorine or corrosive gases.
2. Under usual conditions, the service life of the semi-conductor sensor is longer than 2 years.
3. Do not let the device fall down on the ground or expose it to impacts and vibrations. In the event of damage by dropping, the device is virtually irreparable.
4. For cleaning, use dry cloth and avoid using abrasive agents or solvents.
5. According to the regulations and standards, the device should be re-calibrated every 6 months.
6. !!! Measuring immediately or shortly after drinking alcohol is inaccurate and usually also causes damage to the measuring sensor. Claim due to this cause would be unjustified.

## Warning:

The 1T07 Digital Breath Analyser should be only used as a general guide for detecting alcohol level in your body.

The level of alcohol in breath can be affected by a number of factors (such as gases in air, smoke, several mouth odours etc.). Therefore, the measured values are merely approximate. The test result should not be interpreted as an indisputable ground for determining the safe capability of driving, running equipment or carrying out other dangerous activities. Neither the seller nor the manufacturer accept any liability resulting from the use of this device. **DO NOT DRINK ALCOHOL BEFORE DRIVING!** Technical parameters are subject to change without prior notice!

## Technical data

1	Measurement range:	0.00 ‰, 0.10 ~ 1.5 ‰, measuring accuracy $\pm 0.2$ ‰
2	Power supply:	2 pc. of 1.5V <b>alkaline</b> AAA batteries
3	Display:	digital with dual-colour backlight
4	Standby mode:	approx. 35 seconds after the latest test
5	Length of measured breathe-out:	approx. 6-7 seconds of uninterrupted air flow
6	Dimensions:	105 x 39 x 12 mm
7	Weight:	45g (without batteries)
8	Pre-set warning value:	0.2‰ BAC
9	Standard:	CE
10	Accessories:	2 pc. of mouthpieces
11	Operating:	+5 °C / 45 °C