

Breathalyzer Dingo C-08

User Manual



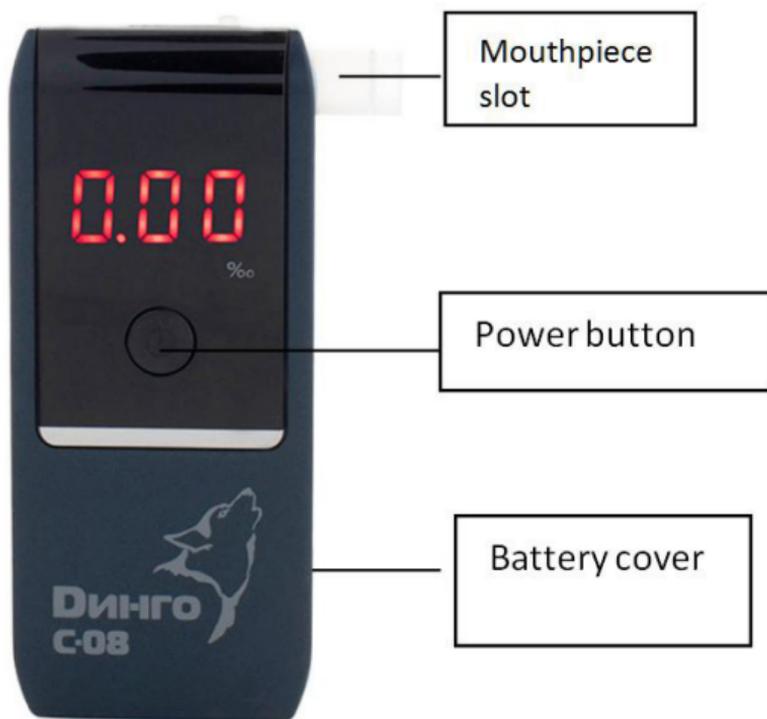
www.arides.am

Introduction

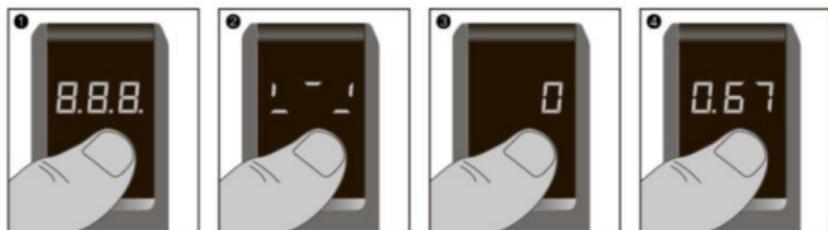
This device is a breath alcohol tester designed to measure the presence of alcohol in the body. Please make sure to read this manual thoroughly before use.

DO NOT DRINK AND DRIVE!

Part names



Contents



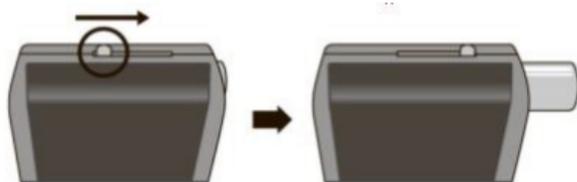
1. Press the power button.
2. Warming up until you can see «0» sign.
3. Blow through the mouthpiece into the unit for 4 seconds.
4. The result displays for 10 seconds and turn off automatically

*If you press and hold the power switch, you can see «C» and «A» on the LCD.

C: The number of tests after calibration

A: The amount of alcohol detected

Permanent mouthpiece



If you push the hook aside like above, you can use permanent mouthpiece.

Indications of alcohol tester 0.30 g / l (per mille, ‰) corresponds to the concentration of alcohol in the breath of 0.15 mg / l. To convert the results in units of mg / l one should divide obtained value in per mille by a factor of two.

Package

The complete set: the device, the mouthpiece 5 pcs., AAA batteries 2 pcs, user manual.

SPECIFICATIONS

Sensor technology	Fuel Cell sensor
Blowing time	4 seconds
Test type	With mouthpiece
Select alcohol unit	‰ (mg/L, ‰)
Accuracy	+/- 5% at 0.050% BAC
Detection Range	0.00 ~ 4.00‰ (Per mille, g/l) 0.00 ~ 2.00 mg/l 0.00 ~ 0.40% BAC
Discrete scale	0.01‰ (0.005 mg/L or 0.001%BAC)
The minimum concentration of alcohol	0,10‰ (0.05 mg/L or 0.01%BAC)
Warm-up time	about 20 seconds
Response time	2 seconds
Working temperature	0°C ~ 40°C (32 ~ 104°F)
Storage temperature	0°C ~ 40°C (32 ~ 104°F)
Power supply	Two AAA Batteries
Battery life	Approximately 400 tests
Dimensions	110mm x 44mm x 15mm
Weight	66 g
Calibration	Once a year or after 1000 tests
Warranty	1 Year Limited Warranty

PRECAUTIONS



1. Certain substances can interfere with the result. For a reliable result wait at least 20 minutes after drinking, eating or smoking before taking measurement. Not observing this waiting period can cause inaccurate readings and damage the sensor.
2. Blood alcohol content increases during up to one hour after the last alcohol ingestion.
3. Avoid testing under strong wind or in a closed room with contaminated air.
4. Do not blow cigarette smoke, food or liquid into the instrument because this may damage the sensor.
5. Never store the device in the presence of corrosive gas.
6. Never store the device exposed to direct sunlight.
7. Correlation between breath alcohol content and blood alcohol concentration depends on many variables, including environmental factors (such as air quality, wind, humidity, temperature, etc.) and health conditions of the test subject.
8. For power supply use only alkaline batteries.
9. Mouthpiece is for personal use only. For each second measurement use new mouthpiece.

10. In normal use, Dingo C-08 requires re-calibration after every 1000 tests or once a year to preserve the accuracy of readings. Speak to local distributors for re-calibration.
11. Do not use this unit as a tool to determine whether you or anyone else should operate any motor vehicle or machinery.
12. You cannot use the results of this unit in court of law. The results of the test can in no case be opposed to those obtained at the time controls by the police force.
13. An individual's testing result can continue to increase or decrease over time, depending on many factors. Obtaining a testing result reading at one time does not mean the testing result reading will be the same even a few minutes later.
14. Do not let yourself or anyone else drink and drive. Always use a designated driver when you or anyone else drinks alcohol.
15. Sensor life and accuracy of the readings are significantly reduced when:
 - a) exceeding the alcohol concentration limit of the device
 - b) using the device for mass checks

Maintenance and repairs

Technical maintenance of the analyzer is performed to achieve a constant functionality and operational readiness. Alcohol tester Dingo C-08 is available for sale with factory calibration, which is produced using special equipment. During operations, the alcohol sensor of device erodes, which leads to a gradual increase in the measurement error. To restore the accuracy, you need to periodically reconfigure the alcohol tester in a qualified service center. The frequency of maintenance depends primarily on the intensity of use of the device. On average, it is necessary to make adjustments after every 1000 tests, or once a year.

WARRANTY

Manufacturer warrants for 1 year the product to be free from defects in workmanship or material (excluding calibration) in normal service from the date of purchase.

Manufacturer's obligation under the warranty is limited to the replacement, adjustment, or repair of the unit if returned along with proof of purchase.

This warranty is void if the unit has been tampered with or maliciously damaged.

Personal alcohol indicator Dingo C-08

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Information about technical service locations is available on the
website: www.arides.am

Serial Number	
Date of Sale	

Seller's signature

