Alcohol tester

Code: CA 2000



The CA 2000 is a portable electronic device that determines the alcohol concentration from the blood from a breath sample. Based on a measuring technology controlled by a high selectivity semiconductor oxide sensor, the device provides accurate and reliable results of the concentration of alcohol in the blood, by automatic conversion of the alcohol determined from the breath.
The alcohol testing is conducted in totally hygienic conditions, the device being equipped with plastic disposable mouthpieces.

The alcohol tester is provided with LEDs that will optically signalize a low battery (BATT LOW), the readiness of the test (READY), the exceeding of the alcohol level over 0,5‰ (WARN).

The device is equipped with a 9V battery, but can be powered from a 12 V power supply (car cigarette lighter) through a power cord included in the set.

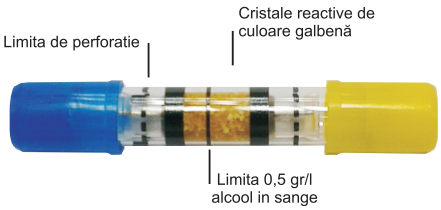
The alcohol tester CA 2000, including its accessories, it is packed in a cloth pouch.

Technical characteristics	
Alcohol concentration from the blood	0,00 - 4,00‰ wist a pace of 0,01
Acoustical warning	Prepared for testing / complete sample
Display	LCD type, 3 digits
Power supply	1 alkaline battery 9 V / car lighter 12 V
Dimensions (mm)	120 x 60 x 25
Weight (gr)	81 - without battery



Alcohol test vial

The alcohol test vials are used to verify the exceeding of the alcohol limit of 0,5 grams/liter alcohol in blood equivalent to the value of 0,25 mg/l alcohol in the breath.
The alcohol testing is done hygienically, the testing kit containing disposable items: a vial and a plastic foil balloon. The vial does not require metal cells activation, it is activated by simply pressing the two ends toward the perforation line.



The test procedure is very simple: to blow air into the balloon until it fills with air. The vial is activated by pressing the two ends firmly, and then inserts the blue end of the vial into the special place of the balloon. Press the balloon so that all air is evacuated through the vial in about 15 seconds. In the presence of alcohol in the air, the reactive crystals turn green.
The interpretation of the result must be done within 2-15 minutes after emptying the balloon: when the green color of the crystals exceeds the marking from the central area of the vial, then it is considered that it is exceeded the limit of 0,25 mg/l alcohol in the breath .

Important to know:
1. The testing should be performed after at least 10 minutes after consuming alcoholic beverages
2. The maximum value of the alcohol in breath is obtained after about an hour after drinking





