Alcohol Tester



25-03-604-02

Product Specification

Display method: LCD screen display

Atmospheric pressure: 86Kpa - 106Kpa

Alcohol sensor type: Semiconductor sensor

Detection range: 0.0-1.9g (l & 0.00% -0.19% BAC)

Response time: 3~10 seconds

Product Size: 185x 43 x 25mm

Power source: Lithium battery with 500 mAh capacity;

5V DC power charging via micro USB port

Product weight: 70.5g

Schematic

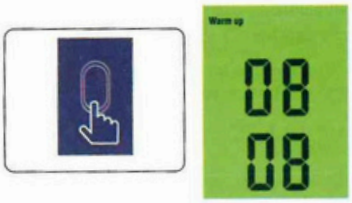


Instructions

Warm up

1. Press the power button to turn on the alcohol monitor screen.

2. "Warm up" will be displayed on the screen, the countdown for 10 seconds will start, and the detector will be warmed up.

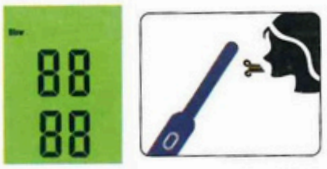


Attention

* When the detector is taken out for the first time, or it has not been used for a long time before use, there may be some gas or other impurities attached to the surface of the sensor. At this time, you need to switch the machine on and off several times, and clean the detector by repeating the warming up.

Detect

1. When warm-up is completed, the device will "beep" and screen will display "Blow", the detection mode will count down for 10 seconds.
2. Blow for 3-5 seconds near the detector blow port.



3. After a few seconds, the test result will be shown on the display.

4. In the test result below, the screen will display "Caution" (red screen) and sound warning alarms.
☑0.02%BAC(0.2g/l) ≤ Value < 0.08% BAC (0.8g/l)



5. In the test results below, the screen will display " Danger " (red screen) and sound warning alarms.
☑ Value ≥ 0.08%BAC(0.8g/l)



6. After the test results come out, you can press the power button quickly to switch the unit to "mg/L"



Automatic shutdown

After the detection result is displayed for 10 seconds, the detector will shut down automatically.

Attention

* If there is alcohol gas inside the detector, the warm-up time will be longer and the warm-up will be repeated several times. If you want to repeat testing for in short time, it is recommended to shake it by hand to disperse the alcohol gas.

* If the detector enters the test mode without blowing air, the test results on the screen will show 0.00.

Matters needing attention

* It takes about 20 minutes for alcohol to be absorbed by the blood from the digestive system, so it is recommended to take the test 20 minutes after drinking alcohol. When tested immediately after drinking, the results is only the alcohol level in the mouth, not the alcohol level in the blood.

* In order to get more accurate data, two consecutive tests should be separated by more than 3 minutes.

* The device can not work properly in a high concentration gas environment.

* Do not wash the detector directly with chemicals.

* Do not allow liquid to flow into the detector.

* Do not put in irritating gas such as paints and pesticides.

* If the battery is low, there will be a certain deviation between the detected value and the actual value.

* The test results of this product are for reference only.

Specifications

Item	Parameters
Product name	Alcohol Detector
Product number	DM604B
Types of alcohol sensors	semiconductor type
Measuring range	0.0-1.9g/l 0.00%－0.19%BAC
Indication error	±0.01%BAC
range of working temperature	-5℃~45℃
Storage temperature range	-20℃~50℃
Power supply	Lithium battery 500mAh
Working current	200mA
show	LCD screen display
Alarm method	buzzer
charging input	5V1A
Host size	185*43*25mm
Instrument weight	70.5g

Detection unit

* Commonly used units in various countries: mg/100ml——China, %BAC——US, g/l——Europe, mg/BrAC——Japan

* 0.0% BAC means 0.0g (omg) of alcohol per 100mL of blood.

	(BAC) blood alcohol concentration				(BrAC) breathing Alcohol concentration	
	mg/100ml	‰	‱	g/l	mg/l	PPM
1	10	0.01	0.1	0.1	0.05	25
2	20	0.02	0.2	0.2	0.10	50
3	30	0.03	0.3	0.3	0.15	75
4	40	0.03	0.4	0.4	0.20	100
5	50	0.05	0.5	0.5	0.25	125
6	60	0.06	0.6	0.6	0.30	150
7	70	0.07	0.7	0.7	0.35	175
8	80	0.08	0.8	0.8	0.40	200
9	90	0.09	0.9	0.9	0.45	225
10	100	0.10	1.0	1.0	0.50	250
11	110	0.11	1.1	1.1	0.55	275
12	120	0.12	1.2	1.2	0.60	300
13	130	0.13	1.3	1.3	0.65	325
14	140	0.14	1.4	1.4	0.70	350
15	150	0.15	1.5	1.5	0.75	375
16	160	0.16	1.6	1.6	0.80	400
17	170	0.17	1.7	1.7	0.85	425
18	180	0.18	1.8	1.8	0.90	450
19	190	0.19	1.9	1.9	0.95	475
20	200	0.20	2.0	2.0	1.00	500