

DIGITAL PERSONAL BREATHALYZER ALCOSCAN AL6300



Overview

This product uses a Fuel cell sensor to detect and measure alcohol levels, allowing users to select between passive and measurement modes. In addition, it features a built-in rechargeable battery that can be charged via USB-C type cable. The device's status can be checked through a 1.3-inch OLED display, a backlight indicator, and a buzzer sound.

Product Description, Features and Functions



Package detail

Breathalyzer, Mouthpiece (MP1000 5EA), USB-C type cable, User Manual

How to Operate

① Normal Mode



- (1) Press and hold the power button (). The display will show the product name and the remaining days until the next calibration (e.g., 57 days).
- (2) The Warm-up process will begin.
- (3) When BLOW is displayed, exhale into the mouthpiece for approximately 4 seconds.
- (4) After the breath sampling is completed, the analysis will start automatically.
- (5) Once the result is displayed, the device will turn off automatically after 10 seconds. At this point, if you press the power button () while the result is displayed, the Warm-up process will restart for re-measurement. Or the device would show Power Off and will be turned off.

② Passive Mode

※ Manual sampling activation: If the subject does not breathe out strongly enough, or when checking whether a drink contains alcohol, press the power button once during the "BLOW" status to activate manual sampling.

.. PASS .. FAIL



- (1) After turning on the device and completing the warm-up, if you press the power button during the BLOW wait status, the result will be displayed as PASS or FAIL.

Charging

① Charging (※ The device can be used while charging.)

.. Charging .. Charge Complete



- (1) Connect the USB-C charging cable to the port on the bottom of the device.
- (2) The display will show that the battery is charging.
- (3) When fully charged, 100% will appear.
- (4) When the USB-C cable is disconnected from the device, the display will automatically turn off. ※ Charging adapter specification: Rated DC 5V, 1A (USB-C type cable)

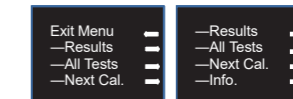
② Entering Settings or Measurement Mode While Charging

- (1) While charging, press and hold the user button () to enter the user menu.
 - (1-1) If no operation is performed for 10 seconds in the user menu, the device will automatically return to charging mode.
 - (2) While charging, press and release the power button () to enter measurement mode.
 - (2-1) If no operation is performed for 10 seconds in measurement mode, the display will turn off, and the device will automatically return to charging mode.

User Menu

① Access User Menu

.. User Menu List

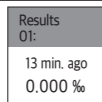


- (1) Press and hold the power button () to turn on the device.
- (2) Press and hold the user button. ()
- (3) The device will enter the user menu.

Item	Description
Exit Menu	Exits User Menu and returns to normal mode.
Results	Displays up to the last 10 test results. Each press of the navigation button shows the previous result.
All Tests	Shows the total number of tests performed on the device.
Next Cal	Displays the remaining days until the next calibration.
Info.	Displays device information (Model name / Firmware version).

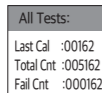
.. Menu Description

.. Results



※Each press of the navigation button displays the previous result, up to a maximum of 10 results.

.. All Tests

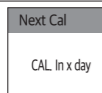


※Last Cal : Number of uses after the last calibration.

※Total Cnt : Total number of uses of the device

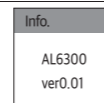
※Fail Cnt : Fail Cnt: Increases when a positive result (above the preset limit) is detected.

.. Next Cal



※CAL. in x day : It indicates the number of days remaining until the next calibration.

.. Info.



※ info: shows device name and firmware version

Error Messages

Error image	Description
FLOW	Breath sample error (The breath sample was not enough. Please blow strong and steady during sampling)
Bat	Low battery warning (Please charge.)
CAL	Calibration Required. (It will be displayed when either 1,000 tests have been performed or 12 months have passed, whichever comes first.)
Err	Contact our local service center.
Error 2	Contact our local service center.
Temperature low error	Temperature low error (The device is inoperable below +5°C)
Temperature high error	Temperature high error (The device is inoperable above +40°C)

Specifications

Sensor type	Fuel Cell sensor	
Power Supply	Lithium Polymer Battery (3.7V/300mAh) / USB Type-C	
Weight	95.37g (Including Battery)	
Size (mm)	122.3mm(Height) X 71.2mm(Width) X 36.3mm(Thickness)	
Test result	OLED display	0.000 ~ 5.000 g/L 0.000 ~ 5.000 ‰ 0.000 ~ 0.500 %BAC 0.000 ~ 2.500 mg/L
	Buzzer sound	Zero: one short beep Low: a series of short beeps in a rapid sequence High: a long beep
Warm up time	3 sec (Max: 60 sec)	
Analysis time	1 sec ~ 30 sec (※ It depends on the alcohol concentration.)	
Accuracy	± 10% at 0.50%	
Working / Storage temperature	5°C ~ 40°C / 0°C ~ 50°C	
Mouthpiece	MP1000	
Calibration period	Every 1,000 tests or 12 months (whichever comes first)	
Certification	CE	
Additional features	Calibration Reminder	
	Save the latest 10 measurement data	

Warning

- a. If you have eaten food, consumed alcohol, or similar substances, wait at least 20 minutes before taking a measurement. Residual alcohol in the mouth or excessive saliva may affect the test result. This also applies to mouthwash or similar products containing alcohol.
- b. Do not blow cigarette smoke, saliva, or other contaminants into the mouthpiece, as they may damage the sensor.
- c. Do not use this product as a tool to determine whether to drive after drinking alcohol.
- d. Store the device within the storage temperature range specified in this manual.
- e. For accurate measurement, use the device exactly as instructed in this manual.

Warranty

The manufacturer and distributor guarantee that the product will be free from any defects in workmanship or materials (excluding calibration) when used normally for a period of 12 months starting from the date of purchase.

The manufacturer and distributor's responsibility under this warranty is restricted to replacing, adjusting, or repairing the unit, provided that it is returned with valid proof of purchase. This warranty becomes null and void if the unit has been tampered with or intentionally damaged.

Calibration Service

For calibration, training and technical support, please contact our local service center.