

## Remarks

- Allow at least 20 minutes between the last consumption of alcohol and testing.
- For more accurate test, it is recommended to recalibrate the sensor after use of every 6 months or 200 tests.
- For protection of the sensor, do NOT leave the product in the extreme environment.
- Keep away from the reach of children.
- When not used for a long time, store the product after taking out the batteries. In case of reuse after long-term storage, there can be high tolerance of test result for about first 3 tests.
- Do NOT leave the product together with newspapers or alcohol containing materials.
- Use the mouthpiece which is approved by manufacturer only.
- Do NOT use the product as a tool to drink and drive. The manufacturer and seller will not take any legal responsibility for the measured test value.
- Do NOT block the air hole opposite to the mouthpiece during the test, as it may damage the sensor.
- Do NOT blow cigarette smoke, liquid or contaminants into the product, as it may damage the sensor.

## Warranty Card

Product	ALCOSENS Digital Breathalyzer ( Model No:DA-3000)		
Purchasing Date	(DD-MM-YY)	Seller	Shop name Owner name
Warranty Period	<ul style="list-style-type: none"> <li>■ The manufacturer warrants the product to be free from defects in workmanship or material (excluding calibration) under normal use either for <b>1(one) year from date of purchase or 200 breath tests</b> whichever comes earlier. The manufacturer's obligation under this warranty is limited to replacing, adjusting or repairing the unit at manufacturer's option, if returned along with proof of purchase.</li> <li>■ For any defects due to natural disaster or customer's negligence, misuse, reconstruction and repair by unauthorized person, reasonable cost shall be charged for repair or part replacement.</li> </ul>		

## Customer Service

For any question, after sales service, product calibration or purchasing mouthpiece, please get in contact with the nearest distributor in your country.

Manufacturer	Distributor

# ALCOSENS

## DA-3000 Digital Breathalyzer

### User's Manual

- Simple and neat
- Easy to use
- Backlight LCD Display
- Self-diagnostic function
- Display of test count
- Flow sensing
- Auto power off



## ALCOSENS DA-3000 Digital Breathalyzer

### Precise breath test using oxide semiconductor sensor

Thanks for buying DA Tech's ALCOSENS® breathalyzer. ALCOSENS® is a brand name of our digital breathalyzer equipped with an advanced oxide semiconductor sensor to analyze a breath sample to detect alcohol in the lungs and convert the measured value into %BAC, g/l or mg/l.

We proudly present DA-3000 which will give you high satisfaction thanks to its simple and neat design as well as its excellent quality.

## Products and Models

### Product Type

- DA-3000 (Basic Type)
- DA-3000M (Mouthpiece Type)

### Contents

- ALCOSENS® DA-3000 Breathalyzer
- AAA Battery (x2)
- User's manual
- Holder cap (DA-3000M only)
- Mouthpiece (2pcs M Type)

### ※ Name of Parts



## Product Specifications

Item	Specifications
Method of Measure	Breath sample to BAC, g/l or mg/l
Range	0.00% to 0.40%
Accuracy	+/- 0.01% BAC at 0.1% BAC (M Type)
Warm up	Less than 20 seconds
Response time	Less than 5 seconds
Sensor	Oxide semiconductor.
Power	Two 1.5V AAA alkaline batteries (included)
Display	LCD with backlight
Size (mm)	34mm x 25mm x 103mm
Weight	53g / 57g (with mouthpiece)
Flash	Ultra high bright white LED (14,000mcd)
Testing Capacity	Approx. 200~300 with fresh batteries
Recalibration	Recommended every 6 months or 200 tests

※ The specifications are subject to be changed without prior notice for functional improvements.

## How to Use

### 1. Before Use :

- Press down the battery cover to open it and install two AAA size 1.5V alkaline batteries paying attention to the battery polarity. Close the battery cover.
- Cover the holder cap on top of the unit and insert the mouthpiece. [DA-3000M only]

### 2. To Use a Flash :

- Press the power button for 2 seconds, and the flash will be turn on with [F] on the display.
- Press the power button again to turn off the flash

### 3. Breath Alcohol Test

Display	Description	Display
Start	• Press the power button, and the unit is turned on with a beep and displays the cumulated test count. [00-99. In case of Re-test, test count will not be displayed]	→ 99
Start-UP	• The unit will commence a start-up process to automatically re-stabilize the alcohol sensor. The display window will undergo a countdown sequence from [15] to [00] for about 15 seconds. [from [08] to [00] for about 10 seconds in case of Re-test]	15:00 08:00
Breath Sampling	• Upon completion of countdown, the unit will display [Start] with short beeps. [Ready to Test] • Blow Steadily to the mouthpiece with one deep breath for at least 3 seconds, until you hear two short beeps after a long beep. Please be careful not to let the saliva inside the unit, as it may damage the sensor.	START 0
Analysis and Display %BAC	• When sampling is over, the unit displays [ ] during its analysis. • After completion of analysis, the unit will display measured Blood Alcohol Concentration in three digits [0.xx] for 15 seconds and shut off the power.	[ ] → 0.05
Re-Start	• If the power button is pressed within 2 minutes, the unit will start up in Re-test mode.	

### ⚠ Alerts

Display	Meaning	Description
	Battery Low	The battery power is low. Please replace the batteries
FL	Flow Error	The breath sample was not steadily enough. Please try sampling again with Soft and steady breath
Er	Time Out	If sampling is not performed in 20 seconds at Ready-to-Test mode, the unit displays [Er] and shuts down.
CR	Calibration	The unit requires recalibration or maintenance. Please get in touch with the nearest service center.