

# BREATHALYSER

instruction manual



# Introduction

- Smart microprocessor controlled.
- Gives out audible sound alarm if you above the drink drive limit.
- 5 testing data memory.
- Can be used with or without the mouthpieces supplied.
- Battery saving design, low voltage indication.
- Powered by 9V alkaline battery or from your car cigarette lighter socket using the 12V DC adaptor (included).

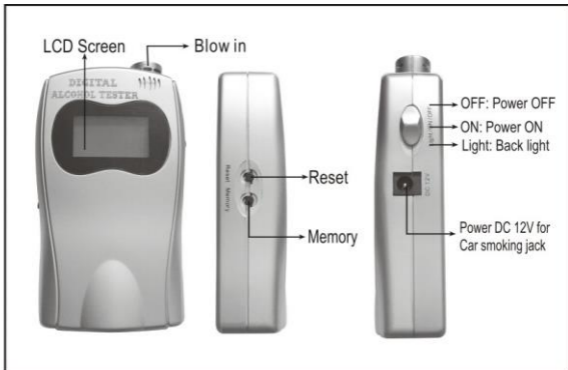
## Power supply

- Slide back the battery cover on the back of the breathalyser.
- Insert one 6LR61 9V alkaline battery (not supplied) making sure that the +/- symbols are correctly aligned.
- If the battery voltage is too low, the unit may display a battery symbol and the unit may not operate correctly. Just switch the power OFF and replace the battery.
- The breathalyser can also be operated from your car cigarette lighter socket, using the 12V DC adaptor included.
- If the unit is not to be used for a long period of time, remove the battery.

## Important notes

- Never use or store this unit in a corrosive gas room.
- Avoid dropping or subjecting the unit to a strong shock.
- If the unit has not been used for 1 week or more, it will need to be recalibrated. Before use, turn on the unit, allow it to warm up, switch off and repeat the process again.
- For accuracy, test after 15 minutes with your last drink.

# Description of parts



## Operation

The unit can be used without the blow tube, but for easier operation insert one of the tubes into the 'blow in' hole.

### **WARM-UP**

- Shake the unit before switching it on.
- Slide the switch on the side of the unit to the 'ON' position and allow 15 seconds for the unit to warm up. To remind you to allow the unit to warm up, the countdown will appear on screen (10,9,8... to zero) and the word 'WAIT' will flash on the screen.

After the 10 second warm up the 'WAIT' warning will disappear.

### **READ**

- When the unit beeps and the LCD displays “READY” “0.000 BAC” the unit is ready to use.

### **BLOW-IN TESTING**

- When the unit is in “READY” mode, you can blow into the breathalyser (for about 2 seconds) to test your breathed alcohol content (BAC).
- Your test result will be displayed on the screen, and if it is 0.25mg/l (0.05% or 0.500‰) or above the unit will alarm and YOU MUST NOT DRIVE.
- If the unit test result is 0.50mg/l(0.100% or 1.000‰) or above, the unit will show “HI” and alarm, but will not show the actual figure (as the unit limit can only show results under 0.50mg/l. YOU MUST NOT DRIVE.

### **RE-TEST**

- Wait 30 seconds after last test.
- Press the “reset” button to retest the BAC, and the countdown will begin from 10 to 0.
- When the breathalyser displays “ready” blow into it.

### **DATE MEMORY**

- Press the “Memory” button and you can check your previous 5 test results.

### **BACKUP LIGHT**

- When you need to use the breathalyser in poor lighting conditions, slide the switch on the side of the breathalyser to the ‘light’ position and the screen will illuminate.
- After each test, shake the breathalyser.

### **POWER SAVING ALARM**

- When the unit stops operating for 30 seconds, the unit will alarm.
- Press the “reset” button to start the unit for retest.

- To switch off the unit, slide the switch on the side of the unit to the OFF position.

## **Specifications**

- Detecting range: 0.000-0.200% BAC, 0.000 -2.000 ‰, 0.000-1.000mg/L.
- Display range: 0.000-0.100% BAC, 0.000 -1.000‰ BAC, 0.000-0.500mg/L BrAC.
- Warm up time: 10 seconds.
- Testing Time: 10 seconds.
- Circling testing: less than 30 seconds.
- Indication: 4 digital LCD with status.
- Power supply: 6LR61 9V alkaline battery or 12V DC adaptor.
- Battery available for standard testing time  
100 times.
- Operation: 15°C - 35°C 80% RH.
- Size: 118mm x 68mm x 29mm.
- Weight: @141g (including 6LR61 9V battery).