Alcohol Breathalyzer

iSOBER S

BLOW
2018-08-02, 01:58

User Manual

SAFE INSTRUCTION FOR USE

iSober S is the high-end alcohol breathalyzer in iSober series.
With the compact body design, it offers comport test for self-tester, workers or drivers.
With one button, iSober S can be operated easily, and users can get accurate and faithful measurement results with Sentech Korea's advanced sensor technology.
Internal and external memories can be used. Up to 100 test results can be confirmed with the internal memory.
Bluetooth connectivity is available as an option and iSOBER, a dedicated application, allows you to see more details.

Components

- Mouthpiece hole
- OLED display
- Power button
- Micro SD card slot
- Battery cover
- Groove for opening
- Up button
- Down button
- AAA Battery (Alkaline)
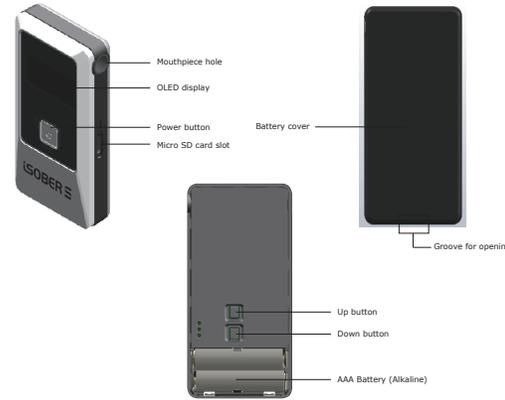
Contents

iSober S, Hard Case, Mouthpieces(x5), AAA Batteries(x2), Pouch, and User manual
*MICRO SD card is not included in the package.

How to use
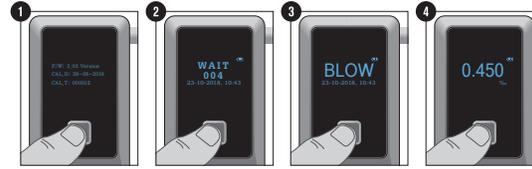
1. Press the power button to turn on iSober S. (*See more detail from the below note)
2. Warming up until you can see "Blow" sign.
   (*Warm-up time is calculated in seconds and is in reverse order.)
3. Blowing through the mouthpiece into the unit for 4 seconds until the sounds concludes.
4. The result is displayed for 10 seconds and iSober S turns off automatically.
   (*If you want to test again, please turn on iSober S again.)
5. If you do not perform any operation, iSober S will turn off automatically after 1 minute.

*Note: If you keep press and hold the power switch, you can check the firmware of iSober S, the last calibration date, and usage count numbers after calibration.

User mode

User mode will give you to check iSober S condition in detail.
Please press "Down button" to enter User mode.

| Back ← |
|---|
| PIN Code |
| 0 0 0 0 |

Back ←
Code fail
0 0 0 0
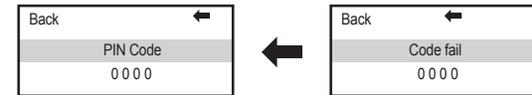
Please put proper pin code.
If code is failed, please try again.
If you forgot the code, please contact an authorized service center
*Default code: 0000

Back ←
-Last CAL ⇨
-All count ➡
-Date&Time ➡▮

→

Last CAL ⇦
24-08-2016

*Check the last calibration date

Back ←
-Last CAL ➡
-All count ⇨
-Date&Time ➡▮

→

All count ⇦
C: 000035
F: 000009
S: 000500
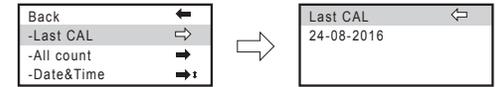
*Check the usage count
(C: usage number after calibration, F: alcohol reaction, S: total usage number)

| Back ← |
|---|
| -Last CAL ➡ |
| -All count ➡ |
| -Date&Time ⇨▮ |

→

Date&Time ⇦
24-08-2016
19:44:03

*Time check

-Last CAL ➡
-All count ➡
-Date&Time ➡
-Set Date ⇨▮

→

Set date ⇦
dd-mm-yyyy
24-08-2016

*Adjust date

-All count ➡
-Date&Time ➡
-Set Date ➡
-Set Time ⇨▮

→

Set time ⇦
hh:mm:ss
19:47:51

*Adjust date

-Date&Time ➡
-Set Date ➡
-Set Time ➡
-Set code ⇨▮

→

Set code ←
PIN : 0000
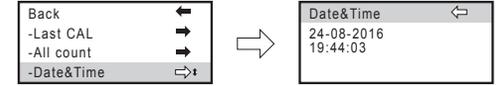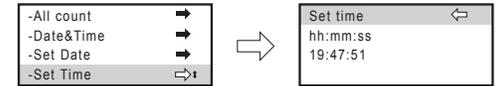
*Adjust pin code

DATA through micro SD card

Device Information			
Product	:Breath Alcohol Tester		
Software Version : ver 2.04			
Last Calibraion : 10-Mar-2000			
Test No	Date	Time	Reading	Test Result
52	'11-Mar-2000	18:22:57	0.000%BAC	PASS

*The above image is what you can get from data thorough micro SD card.

Specifications

Sensor Type	Fuel Cell sensor (*Full size)
Battery	AAA Size Alkaline Battery 2EA
Weight	82.7g (Including batteries)
Size (mm)	105(Height) X 51(Width) X 17(Thickness)
Test result　　Display	0.000 ~ 4.000　g/l 0.000 ~ 4.000　‰ 0.000 ~ 0.400　%BAC 0.000 ~ 2.000　mg/l 000　~　400　mg/100mL
Warming up time	5 sec ~ 120 sec
Time for analysis	Within 5 seconds (at 0.050%BAC, 24°C)
Accuracy	±5% (at 0.050%BAC)
Working temperature	0°C ~ 40°C
Storage	-10C ~ 50°C
Mouthpiece	MP1000
Auto power OFF	After 1 min of waiting time
Duration time for display	10 sec
Calibration interval	1,000 tests or 12 months whichever comes at first.
Certificate	CE
Additional Feature	Reminder for calibration Internal memory: 100 test results. External micro SD card *Option: BLE 4.1/ compatibility with iSOBER application Wireless Certificate: CE RED, FCC, Bluetooth SIG

Warning Display

✓ **Flow:** The breath sample was not strong enough for measurement.
　After warming automatically, please blow strong and steady during sampling.
✓ **Bat:** The battery power is low. Please replace the batteries.
✓ **CAL:** If you test over 1,000 tests, iSober S will display "CAL" sign for 3 seconds then warning up for test.
　This "CAL" sign will be provided the appropriate time for calibration.
　*1,000 tests or 12 months interval whichever comes at first.
✓ **Err1:** Pressure sensor error – Please contact an authorized service center.
✓ **Err2:** Sensor error – Please contact an authorized service center.
✓ **Err3:** Out of operation temperature range – Please check the ambient temperature and operating temperature again, if the same problem persists, please contact an authorized service center.

How to open the iSober S battery cover

Remove the battery cover by pushing up the groove at the bottom

---
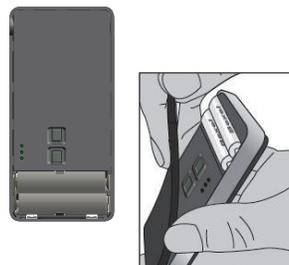
Warnings

1. Wait at least 20 minutes after eating or drinking before testing. Alcohol remaining in the mouth, or excess saliva, may interfere with testing. This includes alcohol-based mouthwash or similar products.
2. Do not blow smoke, saliva or other contaminants into the mouthpiece, as the sensor may become damaged.
3. Do NOT use the iSober S as a tool to drink and drive.
4. Keep out of extreme temperatures and out of the reach of children.
5. Please Do Not use manganese battery. Use alkaline battery only.

Warranty

The manufacturer warrants the product to be free from defects in workmanship or material (excluding calibration) under normal use for twelve (12) months from the date of purchase.
The manufacturer's obligation under this warranty is limited to replacing, adjusting or repairing the unit if returned along with proof of purchase. This warranty is void if the unit has been tampered with or maliciously damaged.

Calibration & Service

For recalibration and technical support, please contact Sentech Korea or Local service center.

-Manufacturer
Company: Sentech Korea Corp.
Location: 21-6, Jimok-ro 75beon-gil, Paju-si, Gyeonggi-do, 10880, Republic of Korea
Tel: +82-31-8071-4400
e-mail: sentech@sentechkorea.com

-Local service center

FCC compliance information

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer may void the user's authority to operate the equipment under FCC rules.