

Fuel Cell Technology
ALCOSCAN
ALP-1

The **Fuel Cell Sensor Technology**, ALP-1 is highly-upgraded professional breathalyzer for measuring alcohol only in human breath. It is installed re-placeable fuel cell sensor module technology with the best accuracy. Test result can be storage on ALP-1 as well as print out the data through mobile printer.



■ **Specifications**

1. Indication of B.A.C.: 0.000 to 5.000 ‰ or 0.000 to 0.500%BAC or 0.000 to 2.500 mg/l BrAC or 0.000 to 5.000 g/L by LCD display
2. Sensor: Fuel cell type alcohol sensor (Automatic heating system of the chamber and fuel sensor cell: optional)
3. Accuracy: $\pm 0.005\%$ BAC at 0.100%BAC
4. Mouthpiece: Use individual packed
5. Measurements memory: Approx. 500 measurements
6. Measurement mode: Passive / Automatic /Manual test available
7. Power: Two 1.5V "AA" size alkaline batteries or Rechargeable batteries
8. Battery Change: Over. every 3,000 tests with battery charging indicator
9. Weights: 198g (Including Batteries)
10. Dimension: 133 (height) X 64 (width) X 33 (thickness) mm
11. Audible warnings: 3 steps beep warning of alcohol detection with LED display
12. Ambient conditions for Storage & Operating: -10 to 50 °C
13. Available color: Black
14. Response time: 3 to 5 sec.
15. Measuring preparing time: 3 to 10 sec.
16. Recovery time: 30 sec. maximum at test greater than 0.20 g/L.
17. Breathalyzer material: Plastic ABS, hard duty, high resistance
18. Calibration reminder period (Changeable): Every 6 months or 5,000 test (whichever comes first).
19. PC & Mobile printer connectable
20. Device setting mode protected by PIN code
21. Printing type: wire / IrDA (optional) / Bluetooth (optional)
22. Certificate: DOT (as Evidential Breath Tester), CE, IP54, EN15964,
Directive 93/42/EEC (Medical device approval), Australian Standard AS3547
23. Countries for Evidential type as option: Poland, Iran, Vietnam, Singapore, Peru and Korea police.

■ **Contents**

Breathalyzer ALP-1 (1pc), Plastic hard case (1pc), mouthpiece MP1 (5pcs), Mouthpiece MA1 (For fast mode, 1pc), AA size Alkaline Battery (2pcs), Manual (1pc), Slide Hand strap (1pc), Leather pouch (1pc), MAX30 CD (PC software, 1pc), PC connecting USB cable (1pc), Calibration Certificate.



[ALP-1 Basic package]

■ **Packaging**

Carton size: 50x41x31 cm, ALP-1 20pcs included per 1 carton, GW: 14kg/CT

■ **Accessories**

1. MP1 (Mouthpiece)

- Individual packed and available for ALP-1 ONLY
- Disposable one and guarantee sanitary testing



2. Pre-calibrated replaceable sensor module (*Recommended re-calibration period: every 6 months)

-Replaceable sensor module for ALP-1

-Vacuum-packed



3. Mobile Printer set (Optional)

-Package contents:

Printer(220g, paper included), Printer pouch, HDMI cable to connect ALP-1& Printer, USB charging cable, Manual, Printer setting CD



■ ALP-1 TYPE (Optional)

 <p>ALP-1 Basic</p>	<ul style="list-style-type: none"> - 500 test internal memory - User & Administrator's device setting mode - Passive & manual test available - PC connecting - Mobile printer connecting via IrDA (wireless printing within 10cm near to printer, optional) & cable
 <p>ALP-1 SD</p>	<ul style="list-style-type: none"> - 500 test internal memory - User & Administrator's device setting mode - Passive & manual test available - PC connecting - Mobile printer connecting via IrDA (wireless printing within 10cm near to printer, optional) & cable - 8GB external SD memory card provided
 <p>ALP-1 BT</p>	<ul style="list-style-type: none"> - 500 test internal memory - User & Administrator's device setting mode - Passive & manual test available - PC connecting (+Bluetooth connecting) - Mobile printer connecting via IrDA (wireless printing within 10cm near to printer, optional), cable and bluetooth (optional) - BT connecting with Android smartphone app. <p>*App. will be provided by Sentech Korea</p>
 <p>ALP-1 SD+BT</p>	<ul style="list-style-type: none"> - 500 test internal memory - User & Administrator's device setting mode - Passive & manual test available - PC connecting (+Bluetooth connecting) - Mobile printer connecting via IrDA (wireless printing within 10cm near to printer, optional), cable and bluetooth (optional) - 8GB external SD memory card provided - BT connecting with Android smartphone app. <p>*App. will be provided by Sentech Korea</p>

■ **Measurement mode**



A. Normal mode(Quantitative mode):

Test result showing with digits.



B. Fast mode (Qualitative mode):

Test will be quicker and more convenient.

The result is showing with "PASS" or "FAIL" without numerical reading.

It does not need to use mouthpiece, just use open container.

C. Passive mode:

It can be operated samples manually by pressing power on button (Passive capture)

You can use it for both Normal and fast mode.

■ **Pre-calibrated sensor module type**

No calibration required when you have extra sensor module!



■ **Contact info.**

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