

AF-100P PICTURE

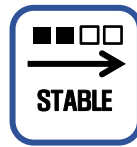


KEY FEATURES



REPLACEABLE BREATH GUARD BLOW CAP

The blow cap designed to protect the examiner from subject's breath helps keep the virus from spreading during alcohol testing.



STABLE TEST RESULTS

The blow algorithm designed to collect the maximum sample amount enables to provide a stable test result.



LED READINGS DISPLAY

Analyzes and shows the result in five sections of alcohol level through LED display, which examiner enables to check detail alcohol level.



FAST TEST RESULTS

Displaying the result within 2 seconds through the intuitive LED lighting helps perform consecutive tests with a quick test.



DUAL TEST MODE

The dual test mode enables a user to perform various and efficient tests according to the distance to the subject.



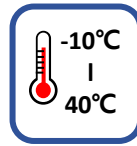
RECHARGEABLE BATTERY

With a large-capacity rechargeable battery, it is designed to be used for maximum 16 hours at 25 °C after a full battery charge



EASY TO REPLACE AND WASH

The blow cap is designed to easily take off, wash and re-use for hygiene purpose.



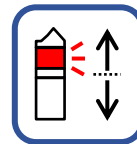
WIDE RANGE OPERATING TEMPERATURE

AF-100P is ready to use in more wide range temperature. The analysis is reliable even at - 10°C to 40°C.



LED SIGNAL LAMP

The LED lamp on the top enables the police easily to control and warn the drivers at the night time.



SETTING ALARM LEVEL

Alarm level can be set in five levels depends on countries alcohol legal limit.



DOWNLOAD TEST RESULTS

Through USB connection, the data can be transferred to a PC.



CALIBRATION REMINDER

Helps get on-time calibration by letting users know the remaining days to calibration.

SPECIFICATION

| | | | | | | |
|------------------------------|--|-------|-------|-------|-------|-------|
| SENSOR | Professional Fuel Cell Sensor | | | | | |
| DISPLAY | The status light - 10 LEDs for the display of the test results | | | | | |
| | The level indicator - 5 LEDs for the display of the total test number, the remaining calibration date, and the remaining battery level | | | | | |
| TIME FOR ANALYSIS | Less than 2 seconds | | | | | |
| MAXIMUM TEST | Around 20 tests / 1 min (It may vary depending on the test environment) | | | | | |
| ALARM LEVEL | Alarm limit can be set up with 5 different levels as below. | | | | | |
| | %BAC | 0.010 | 0.020 | 0.030 | 0.040 | 0.050 |
| | ‰ | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 |
| | mg/l | 0.05 | 0.10 | 0.15 | 0.20 | 0.25 |
| BUTTON | 3 buttons - ON/OFF, PASSIVE, SIGNAL LAMP | | | | | |
| OPERATING TEMPERATURE | -10 ~ 40°C (Only short distance (5~15cm) tests are available in -10 °C) | | | | | |
| POWER SUPPLY | Rechargeable Lithium-ion battery (2900 mAh) | | | | | |
| CHARGING TIME | Approx. 6 - 8 hours (Time of full charge after a battery is fully discharged) | | | | | |
| DURATION TIME | MAX. 16 hours at 25°C *Battery life may vary depending on the temperature of the operating environment | | | | | |
| DIMENSIONS | 275 mm, 40 Ø | | | | | |
| WEIGHT | 200g | | | | | |
| CALIBRATION PERIOD | Every 6 months | | | | | |

*The Specifications are subject to change without prior notice for functional improvements.