



Alcohol Breathalyzer



Home Gas Alarm



Industrial Gas Detection



Home Power Control



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PESV International

Powered by Henan Huoyan Biotech Co., Ltd

To provide Professional Equipment & Safety Values for global partners

ISO14001

ISO9001

OHSAS18001





Smart Sensing Active Protection

PE
SV

PESV International

P-Professional

- We act with Professional Rigor

E - Equipment

- Every piece of equipment matters

S - Safety First

- Safety is our bottom line

V - Value Creation

- We create value through service

PESV Professional Equipment & Safety Values

PESV is dedicated to being the bridge connecting global industrial needs with China's premium manufacturing resources. Our name reflects our founding principles: Professional Equipment and Safety Values.

Our Foundation

Currently, we specialize in two core sectors: "Smart Sensing", represented by gas detection and alcohol testing; and "Active Protection", represented by circuit breakers and fire suppression systems. These constitute our first line of defense for you and serve as the cornerstone where we demonstrate our rigorous selection standards.

Our Possibilities

But this is just the beginning. As a dynamic integrator, we do not set rigid limits on our boundaries. China possesses the world's most complete industrial categories, and PESV's mission is to be the insightful "curator" for you.

We maintain an open horizon, always ready to respond to your diverse needs. From precision instruments to general industrial equipment, as long as it meets PESV's quality standards, it has a place in our portfolio.

We provide more than just products; we provide certainty—Whatever industrial equipment you need, PESV is your trusted gateway to quality in China.



Alcohol Tester

www.pesv.com

Personal alcohol breathalyzer (semiconductor)



Rapid screening breathalyzer, giving result quickly



Consumer alcohol breathalyzer (fuel cell)



Evidential police use alcohol breathalyzer, professional and accurate



Standalone breathalyzer



Drug Tester



Personal alcohol breathalyzer



AT202 Contactless Alcohol Tester

With unique slide cover providing users contactless blowing method, ensuring our health and safety, meanwhile, no need of the blowing mouthpieces, it could save money and environment protective. New AT202, your best choice.

FEATURE

- Slide cover design, contactless blowing method, ensuring user's health and safety
- LCD display, high definition
- Semi-conductor sensor, very stable
- 2*AAA battery, portable and easy to change
- Green and red indicating lights, easy to understand
- Accuracy could be matched at ±0.03mg/l, high reliable performance
- Low cost, high efficiency

APPLICATION

Car, workshop, office, etc.

AT202, personal using alcohol tester, healthy design without mouth touch, very popular in Janpan, Italy, Poland and many other countries and regions. With semi-conductor sensor technology, its performance is very stable. Power saving design, the display will show low voltage warning. Audio warning beyond pre-set limit. AT202, pocket size, easy to carry and use.

SPECIFICATIONS

Model	AT202	Storage environment	Temperature: 0°C ~ 50°C, Humidity: ≤90%
Sensor	Semiconductor	Display	LCD display
Range	0 ~ 0.20%BAC (0 ~ 1.0mg/L; 0 ~ 2.00‰BAC; 0 ~ 2.00g/L)	Battery	2*1.5V AAA battery
Resolution	0.01%BAC	Dimension	125* 37*20 mm(L*W*H)
Warm up time	Around 35s (customizable)	Weight	About 41g(without battery)
Working environment	Temperature: 0°C ~ 50°C, Humidity: ≤80%	Accuracy	±0.01%BAC at 0.05%BAC
		Unit	mg/l, g/l, %bac, ‰bac (optional)

AT198 Consumer Alcohol Tester

FEATURES

- Advanced semiconductor(flat-surfaced) alcohol sensor
- Quick response, good accuracy
- SMD assembling, MCU control, stable performance
- Healthy design without mouth touch
- Sensor fault self-checking
- Power saving design, low voltage warning
- Audio warning beyond pre-set limit

APPLICATION

People who want to test the content of alcohol in their breath.

SPECIFICATIONS

Sensor Type	Seminconductor Sensor	Testing Time	< 8 s
Detection Range	0.00 - 0.20%BAC, 0.00-2.00‰BAC 0.00 - 1.00mg/L; 0.00 - 2.00g/L	Display	0.96-inch LCD
		Power	2×AAA batteries
Accuracy	±0.02%BAC at 0.05%BAC	Working Environment	0°C - 50°C, ≤95% RH, No dews
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Working Time	>100 blowing times (full charge)
Warm-up Time	Around 35s (customizable)	Dimensions	102mm*37mm*20mm @50g



Personal alcohol breathalyzer

AT188 Consumer Alcohol Tester

FEATURES

- Advanced semiconductor(flat-surfaced) alcohol sensor
- Quick response, good accuracy
- Sensor fault self-checking
- Power saving design, low voltage warning
- Audio warning beyond pre-set limit
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)

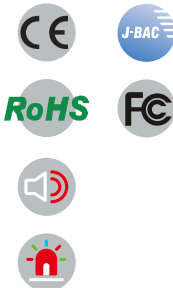
APPLICATION

People who want to test the content of alcohol in their breath.

AT188 adopts semiconductor sensor, LCD screen , simple and clear. When the result is over the alarm point, it will give out audible alarm indication to remind user.

SPECIFICATIONS

Sensor Type	Semiconductor Sensor	Testing Time	< 8 s
Detection Range	0.00 - 0.20%BAC, 0.00-2.00‰BAC 0.00 - 1.00mg/L; 0.00 - 2.00g/L	Display	1.0-inch LCD
		Power	2×AA batteries
Accuracy	± 0.01%BAC at 0.05%BAC	Working Environment	0°C - 50°C, ≤95% RH, No dews
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Working Time	>100 blowing times (full charge)
		Dimensions	123mm*44mm*19mm @50g
Warm-up Time	Around 35s (customizable)	Unit	switchable %BAC, ‰BAC, mg/L, g/L



AT505 Alcohol Tester

FEATURES

- Advanced semi-conductor
- LED display
- Audible and visual alarm
- Fault self-detection of sensor
- Battery undervoltage indication
- Power saving design

APPLICATION

Car, workshop, office, etc.



AT505 adopts semiconductor sensor,LED screen with backlight, simple and clear. When the result is over the alarm point, it will give out audible alarm indication to remind user.

SPECIFICATIONS

Sensor Type	Semiconductor Sensor	Testing Time	< 8 s
Detection Range	0.00 - 0.20%BAC, 0.00-2.00‰BAC 0.00 - 1.00mg/L; 0.00 - 2.00g/L	Display	LED
		Power	2×AA batteries
Accuracy	± 0.01%BAC at 0.05%BAC	Working Environment	0°C - 50°C, ≤95% RH, No dews
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Working Time	>100 blowing times (full charge)
		Dimensions	103mm*65mm*27mm@50g
Warm-up Time	Around 35s (customizable)		

Personal alcohol breathalyzer

AT218 Alcohol Tester

AT218 consumer breath alcohol tester is a smart and portable alcohol screener. It has good sensitivity and repeatability. Its compact design and small size are very convenient for your portable use and carry. With offering very convenient using experiences, AT218 alcohol tester is very popular in Poland, Japan, and many other countries.

FEATURE

- Advanced semiconductor(flat-surfaced) alcohol sensor
- Power saving design, low voltage warning
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)
- Quick response, good accuracy
- Sensor fault self-checking
- Audio warning beyond pre-set limit

APPLICATION

People who want to test the content of alcohol in their breath.

AT218 is a breath alcohol tester implemented in advanced flat surfaced semiconductor technology, featuring good sensitivity and repeatability, low voltage remind, LED display, simply to operate, compact design and medium size which is conveniently to carry, audible and visible alarm indication when test result is beyond the preset threshold.

SPECIFICATIONS

Sensor	Semiconductor	Display	White LED
Test Range	0-0.20%BAC, 0-2g/l, 0-200mg /100ml, with K=2000	Battery	2*AA batteries
Resolution	0.01%BAC,with 2 Decimals	Blow Time	>150 blowing times (full charge)
Warm Up	Around 35s (customizable)	Dimension	123mm X 44mm X 19mm @50g
Operation Condition	Temperature: -10℃ ~ 50℃ Humidity: ≤93%	Weight	switchable %BAC, ‰BAC, mg/L, g/L
		Accuracy	±0.01%BAC at 0.05%BAC



AT200 Breath Alcohol Tester

FEATURES

- Advanced flat-surfaced semiconductor ethanol sensor
- Customizable alarming threshold to match local regulations
- Visible and audible alarming indication to visible
- Switchable test units among mg/l, g/l, %BAC, ‰BAC, mg/100ml to suit for different countries

APPLICATION

Car, hotel, home, workshop, office, etc.

SPECIFICATIONS

Sensor	Semiconductor	Display	White LED
Test Range	0-0.20%BAC, 0-2g/l, 0-200mg /100ml, with K=2000	Battery	3*AAA batteries
Resolution	0.01%BAC,with 2 Decimals	Blow Time	500 Counts with Full Battery Capacity
Warm Up	Around 35s (customizable)	Dimension	150mm×50mm×34mm
Operation Condition	Temperature: -10℃ ~ 50℃ Humidity: ≤93%	Weight	73g Without Battery
		Accuracy	±0.02%BAC at 0.05%BAC

Consumer Breathalyzer



AT800 Fuel Cell Alcohol Tester

FEATURES

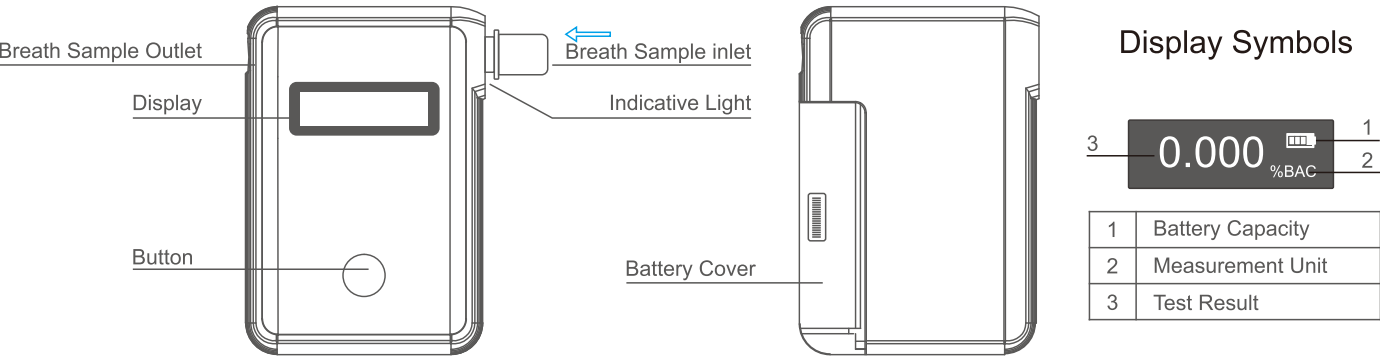
- Fuel cell sensor-accuracy and reliance
- Switchable result units(mg/l,g/l, %BAC, ‰BAC)
- Adjustable alarming threshold
- Independently packaged mouthpiece for cleanliness and hygiene
- Bluetooth connects to smartphone App
- OLED screen display

APPLICATION

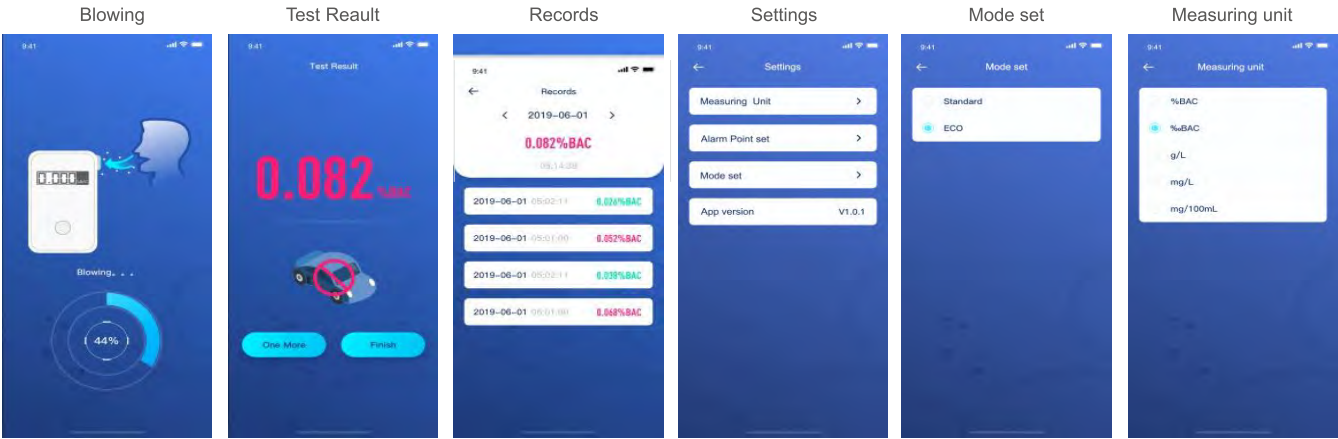
Car, home, workshop, office, restaurant, etc.

AT800 is a key chain breathalyzer which is convenient to carry and used. It adopts fuel cell sensor which provides superb accuracy and repeatability; OLED shows results with 3 decimals; Preset alarm threshold; Low voltage indication,etc.

STRUCTURES



APP OPERATION



SPECIFICATIONS

Sensor Type	Fuel cell	Testing Time	< 5 Sec
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Display	OLED screen
Accuracy	±0.005%BAC at 0.05%BAC	Power	1×AAA battery
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Working Environment	0℃ - 40℃, ≤95% RH, No dews
Warm-up Time	<5 s	Dimensions	66mm*47mm*19mm @35g

Consumer Breathalyzer



AT809 Breath Alcohol Tester

AT809 pocket size personal alcohol tester, which adopts own patent platinum fuel cell as core to build the feature of good accuracy and reliability. With Bluetooth connection, AT809 alcohol tester could work with your phone (iPhone & Android), thus the test results could be transferred easily. AT809 alcohol tester, safe drive choice.

FEATURE

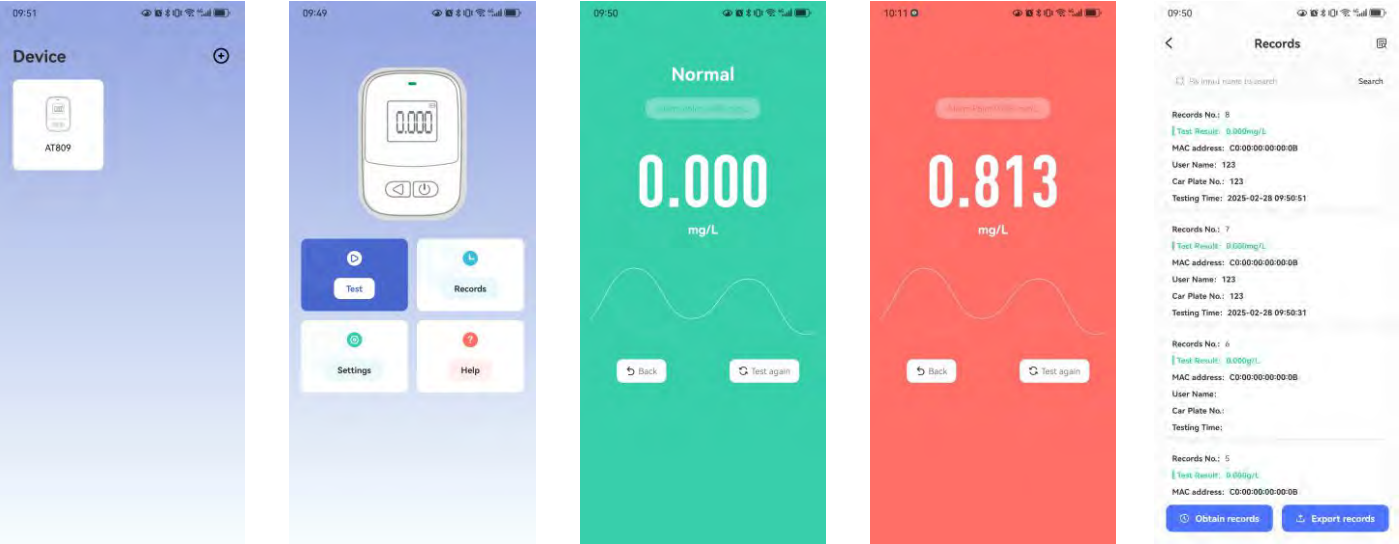
- APP (AlcoTest) application
- Fuel cell sensor-accuracy and reliance
- Three color lights indication (Green, Blue and Red)
- Adjustable alarming point
- Anti-backflow mouthpiece for cleanliness and hygiene
- 2*AAA power
- Switchable result units (mg/l, g/l, %BAC, ‰BAC)
- Testing records review (machine-99, app-unlimited)



APPLICATION AND AFTER-SALES SERVICE

Consumer using, workshop, office, car, hotel, mine, etc.
One year guarantee

APP OPERATION



SPECIFICATIONS

Model	AT809	Display	LCD
Sensor Type	Platinum fuel cell	Power	2*AAA battery
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC	Working Environment	0°C - 40°C, ≤95% RH, No dews
Accuracy	0.00 - 2.00mg/L; 0.00 - 4.00g/L	Dimensions	76mm×52mm×21mm @ 53g
Alarm point	± 0.005@ 0.05%BAC	Records	99 (device); unlimited (app)
Warm up	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L; (adjustable) < 5 Sec	App name	AlcoTest

Consumer Breathalyzer



AT808 Fuel Cell Alcohol Tester

AT808 High level personal alcohol tester, it adopts platinum fuel cell as core sensor to develop the functions of more accuracy and high sensitivity. AT808 featured with the testing records and app application. This machine can view maximum 99 stored records; and with Bluetooth function, its App could store millions testing records (depends on phone's memory) and transfer it by email, which meet the records' long-time storage. Compact structure and nice display build our elegant AT808 alcohol tester

FEATURE

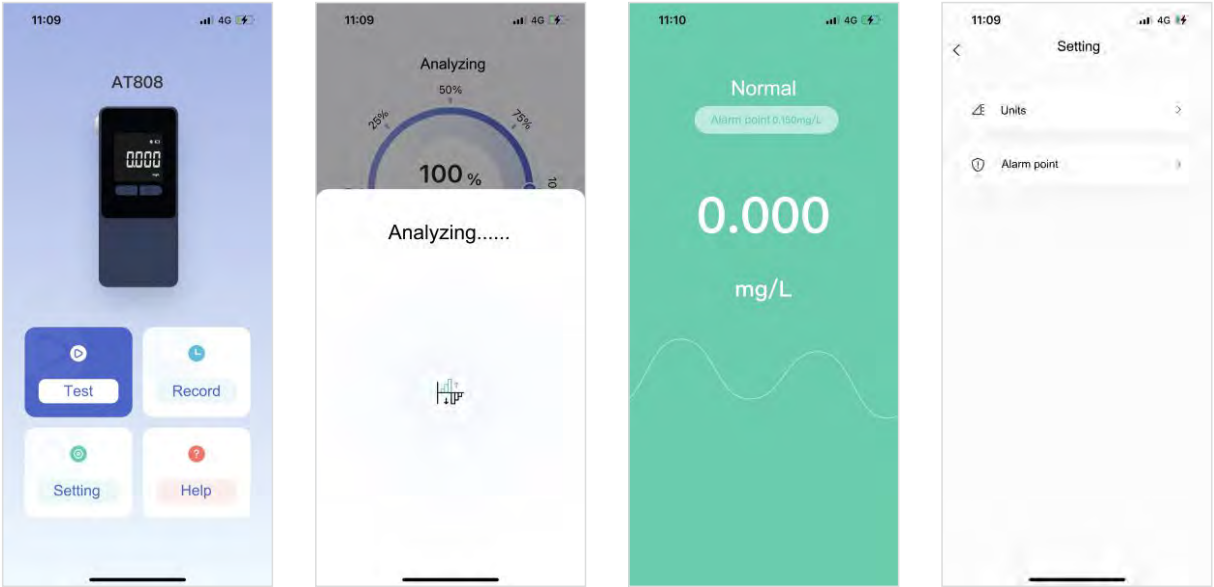
- APP (AlcoCHECK) application
- Fuel cell sensor-accuracy and reliance
- Three color lights indication (Green, Blue and Red)
- Anti-backflow mouthpiece for health and safety
- Switchable result units (mg/l, g/l, %BAC, ‰BAC)
- Testing records review (machine-99, app-unlimited)
- Adjustable alarming point
- 2*AAA power



APPLICATION AND AFTER-SALES SERVICE

Consumer using, workshop, office, car, hotel, mine, etc.
One year guarantee

APP OPERATION



SPECIFICATIONS

Model	AT808	Warm up	< 5 Sec
Sensor Type	Platinum fuel cell	Display	LCD
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Power	2*AAA battery
Accuracy	± 0.005@ 0.05%BAC	Working Environment	0°C - 40°C, ≤95% RH, No dews
Alarm point	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L; (adjustable) < 5 Sec	Dimensions	105*45*16mm@58g
		Records	99 (device); unlimited (app)
		App Name	AlcoCHECK



AT8030 Fuel Cell Alcohol Tester

AT8030 is an advanced portable breath alcohol tester, which adopts new high-tech electrochemical sensor. It could get more accurate alcohol concentration value, and with strong anti-interference ability.

FEATURE

- Fuel cell sensor-accuracy and reliance
- Adjustable alarming threshold
- Testing records (maximum 10) review
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)
- Anti-backflow mouthpiece for health and safety

APPLICATION AND AFTER-SALES SERVICE

Consumer using, workshop, office, car, hotel, mine, etc.
One year guarantee

With fuel cell sensor, AT8030 can offer user higher accuracy and reliance. 10 latest testing results can help users check previous records. 1.5 inch LCD screen show more inforamtion, such as units changing, alarm point ajustment, and etc. 2 pieces AAA batteries power, which could offer more than hundreds of blowings, save enery much. AT8030 model, quite popular in Poland and Japan, United States, and etc. Very good choice!

SPECIFICATIONS

Sensor Type	Fuel cell	Display	1.5 inch LCD
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Power	2×AAA batteries
Accuracy	±0.008%BAC at 0.05%BAC	Working Environment	0°C - 40°C, ≤95% RH, No dews
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Testing Records	10 latest records
Warm-up Time	<10 s	Dimensions	127mm*53mm*22mm @75g
Testing Time	< 5 s		



AT8070 Breath Alcohol Tester

SPECIFICATIONS

Sensor	Fuel Cell
Resolution	0.01%BAC,with 3 Decimals
Warm Up	About 5s
Operation Condition	Temperature: 0°C ~ 40°C Humidity: ≤93%
Display	1.54 Inch Colorful LCD
Power	3*AAA batteries
Blow Time	500 Counts with Full Battery Capacity
Dimension	150mm×50mm×34mm @73g
Accuracy	±0.01%BAC at 0.05%BAC

AT8060 Fuel Cell Breath Alcohol Tester



FEATURES

- Fuel cell sensor-accuracy and reliance
- Adjustable alarming threshold
- Testing records (maximum 10) review
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)
- Anti-backflow mouthpiece for health and safety

SPECIFICATIONS

Sensor Type	Fuel cell	Accuracy	±0.008%BAC at 0.05%BAC
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Display	1.6-inch LCD
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Power	2×AA batteries
Warm-up Time	<10 s	Working Environment	0°C - 50°C, ≤95% RH, No dews
Testing Time	< 5 s	Testing Records	10 latest records
		Dimensions	122mm*67mm*31mm @120g

APPLICATION

Car, hotel, home, workshop, office, etc.



AT8020 Fuel Cell Breathalyzer

FEATURES

- Fuel cell sensor-accuracy and reliance
- Adjustable alarming threshold
- Testing records (maximum 10) review
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)
- Anti-backflow mouthpiece for health and safety

APPLICATION

Car, home, workshop, office, etc.

SPECIFICATIONS

Sensor Type	Fuel cell	Testing Time	< 5s
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Display	1.8-inch LCD
Accuracy	±0.008%BAC at 0.05%BAC	Power	3×AAA batteries
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Working Environment	0°C - 50°C, ≤95% RH, No dews
Warm-up Time	<5 s	Working Time	>200 blowing times (full charge)
		Dimensions	114mm*66mm*22mm @100g

Rapid Screening Breathalyzer



AT7000 Fuel Cell Rapid Screening

FEATURES

- Fuel cell sensor-accuracy and reliance
- No need to warm-up, rapid test, result within 1 second
- No need for mouthpieces, clean and hygienic
- Matrix red and green light corresponds to different results
- Traffic baton with white, green and red indication
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)and temperature scale(°C, °F)



APPLICATION

Factory, workshop, office, car, hotel, mine, etc.

Beautiful design. AT7000 adopt fuel-cell sensor as its core component that can inspect accurately concentration of the breath alcohol, with rapid response. AT7000 has compact keyboard, operation menu, admirable human-device interface and four languages application, which makes operation more concise and convenient.

SPECIFICATIONS

Sensor Type	Fuel cell	Testing Time	< 5 s
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Display	1.77-inch LCD
		Power	4×AA batteries
Pre-set Level	0.05%BAC; 0.50‰BAC;0.25mg/L; 0.50g/L	Working Environment	0°C - 50°C, ≤95% RH, No dews
Accuracy	± 0.01 at 0.05%BAC	Dimensions	284mm*68.5mm*74mm @400g
Warm-up Time	<5 s		

AT7300 Fuel Cell Fast Screening

The simplified keyboard, menu operations, and excellent human-machine interface of AT7300 make it easier to operate. The color LCD screen provides a clear and beautiful display, while the high-brightness command light and illuminating light indication make it easier to use. The unique design of the air intake ensures the health and safety of the person being tested. TYPE C communication port, quite suits for more and more regions and countries.

SPECIFICATIONS

Model	AT7300
Sensor	Fuel cell sensor
Detection range	0~100 mg/100mL
Warm up time	Less than 5s
Pumping time	1- 15s
Sampling method	Continuous pump suction
Dimension	396mm×46mm×46mm
Weight	about 327g(with 18650 battery)
Calibration interval	180 days
Sensor life	Two years
Function	Window breaking, magnet sucker, warming whistle, Bluetooth printer as option.



Rapid Screening Breathalyzer



AT7200 Rapid Screening & Active Testing

FEATURES

- Active and passive test mode
- Both fuel cell and semiconductor sensor-accurate and fast
- Both accurate and rapid pump suction test method
- 3.7V/5000 mAh Lithium battery
- Traffic baton with white and red indication
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)and temperature scale(°C, °F)
- Anti-backflow mouthpiece for health and safety



APPLICATION

Police station, traffic management, factory, workshop, office, car, hotel, mine, etc.

AT7200-R Rapid Screening Alcohol Tester

AT7200-R using advanced fuel cell sensor, to provide fast screening of alcohol concentration in people's breath. No need of mouthpiece, quite save time and cost. Mainly used in mine industry, transportation industry, etc.

FEATURE

- Fuel Cell sensor
- Active Test
- Under Voltage Remind
- LCD Color 128 x 128 Matrix Display
- Test Result Printed and Uploading to Computer
- Traffic Baton with White and Red Lighting Indication
- Choice of Units-mg/l, mg/100ml, %BAC, ‰BAC, g/l
- Fast Warming Up, Response and Recovery
- No Mouthpiece Needed, Environmental and Hygiene Friendly

APPLICATION

Mine industry, transportation industry, etc.



SPECIFICATIONS OF AT7200 and AT7200-R

Model:	AT7200/AT7200-R Difference: Two sensors/one sensor		
Sensor Type	Fuel cell and semi-conductor/Fuel cell	Power	3.7 V /5000 mAh Lithium battery
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Working Environment	0°C - 50°C, ≤95% RH, No dews
		Light	LED light
Accuracy	± 0.01 at 0.05%BAC	Charging Time	6 hours
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Dimensions	293mm*41.3mm*40.7mm @300g
Warm-up Time	<15 s	Records	20,000
Testing Time	< 5 s	Option	Bluetooth printer
Display	1.44-inch LCD		

Rapid Screening Breathalyzer

AT7600 Professional Breathalyzer

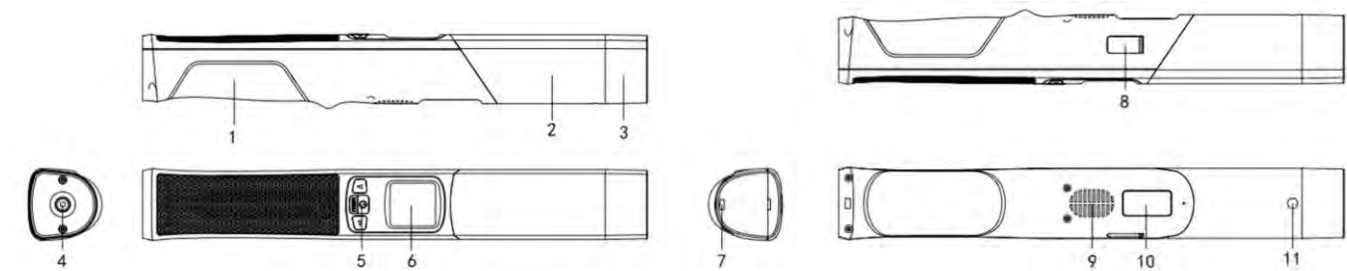
AT7600 using advanced platinum fuel cell sensor to offer quick and accurate testing result in testing human breath, and its' passive & active testing modes provide various inspections under different situation. Highly recommended!

APPLICATION

Mainly used in pre-work, road safety checking and etc.

FEATURE

- Fuel cell sensor, high accuracy and stability
- Active test & passive test
- Data updating, Bluetooth printer as option
- Rechargeable battery, USB Type-C port
- LCD & Traffic baton & lighting function
- Supporting test result printed and data uploading to computer
- Supporting no mouthpiece needed, environmental and hygiene friendly
- Adjustable of blowing time & alarm point & measurement units
- Supporting languages of English, Spanish, Portuguese and Polish



1	Anti slip handle	7	Hanging rope hole
2	Flasher	8	USB-Type C
3	Air inflow port	9	Bullhorn hole
4	Air inlet	10	Lighter
5	Button	11	Air outlet
6	Screen		

SPECIFICATIONS

Model	AT7600	Working time	7000-10,000 tests (consecutive blowing)
Sensor	Platinum Fuel Cell	(Full charge)	10-15 hours using (consecutive using)
Testing Range	0~2.000mg/L	Dimension	300mm*42.3mm*43.5mm(L*W*H)
Accuracy	±0.02mg/L @ 0.244mg/L	Weight	280g
Battery	Lithium rechargeable battery	Calibration	180 days (recommended)
Charging time	About 4-6 hours	Preheating time	Within 10 seconds
Charging condition	Output voltage 5V±0.5V, output current≥1A	Records	20,000 records (Over 20,000 records, the latest record will overwrite the first record)
Blowing time	0.5s/1s/2s/3s/4s adjustable		

Rapid Screening Breathalyzer

AT7500 Rapid/ Fast Alcohol Breathalyzer

FEATURE

- Advanced platinum fuel sensor makes sure the accuracy
- Firm structure ensures long time usage
- Colorful LCD display
- Window breaking hammer
- Magnet sucker
- Warning whistle
- Bluetooth printer (optional)

SPECIFICATIONS

Model	AT7500	Continuous working time	>500 times (full charged battery)
Sensor type	Fuel cell	Size	L×W×H: 396×52×46mm
Testing range	0~100mg/100ml	Weight	About 440g (with battery inside)
Preheating time	< 10 sec	Calibration period	180 days/360 days
Response time	>1sec	Lifetime	Two years
Sampling	Pump suction	Material	ABS
Language	English, Spanish, Portuguese, Thailand	Magnet sucker	Optional
Alarm point	0.25mg/l, adjustable	Bluetooth printer	Optional

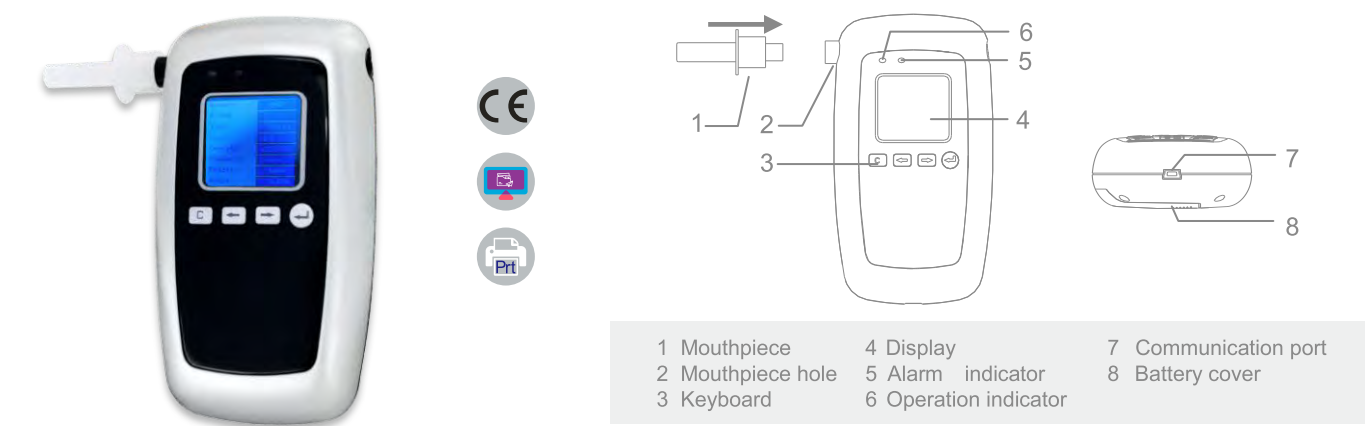


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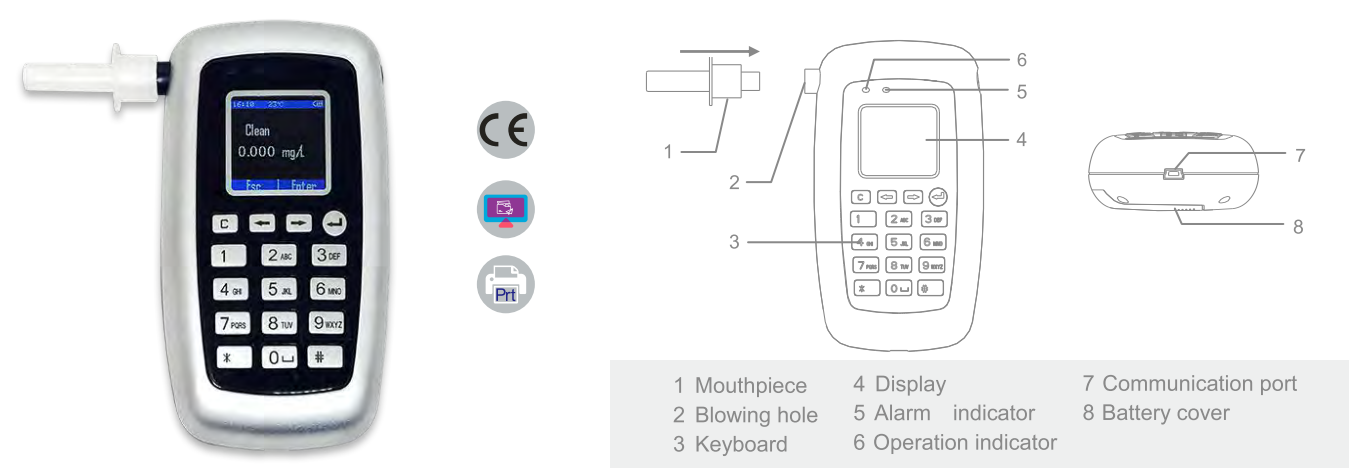
Paper type	Thermal paper
Thickness	0.06-0.08mm
Width	57±0.5mm
Diameter	Max 40mm

Professional Breathalyzer

AT8100 Professional Breathalyzer



AT8800 Police Breathalyzer



FEATURES

- Fuel cell sensor-accuracy and reliance
- Passive and active test
- Adjustable alarming threshold
- Anti-backflow mouthpiece for health and safety
- Colorful LCD indication and keyboard input
- Real temperature and time indication
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)and temperature scale(°C, °F)
- Testing records (maximum 2000) review
- Password management
- Portable thermal printer and data uploading

APPLICATION

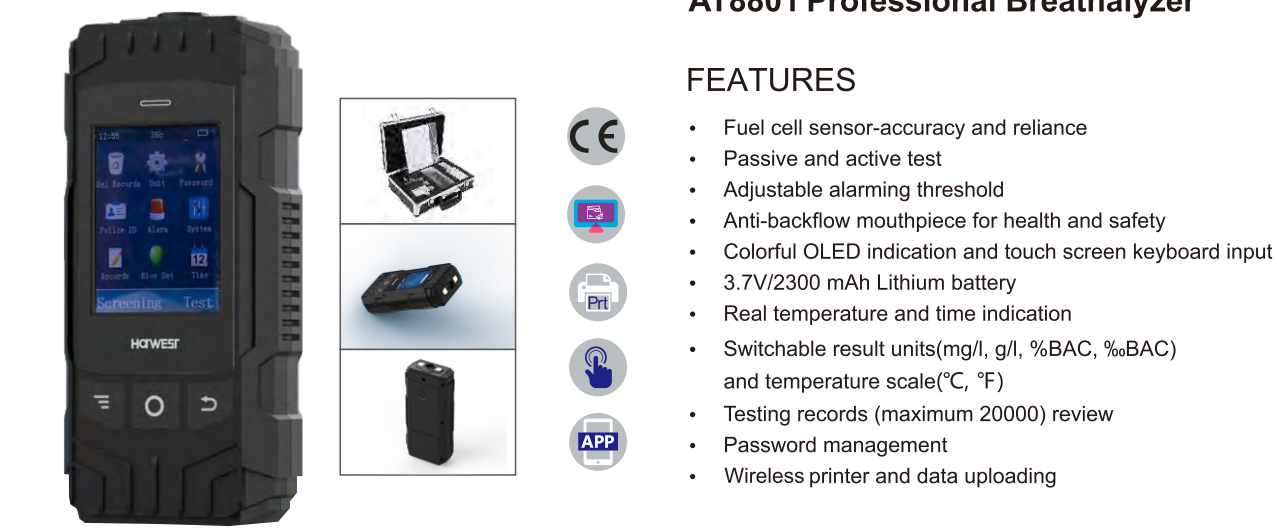
Police station, traffic management, factory, workshop, office, car, hotel, mine, etc.

SPECIFICATIONS

Sensor Type	Fuel cell	Display	1.44-inch LCD
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Power	2* AA batteries
Accuracy	± 0.005 at 0.05%BAC	Working Environment	0°C - 50°C, ≤95% RH, No dews
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Records	2,000
Warm-up Time	<10 s	Dimensions	AT8100: 122mm*67mm*31mm @120g AT8800: 122mm*67mm*31mm @120g
Testing Time	< 5 s	Option	Bluetooth printer

Professional Breathalyzer

AT8801 Professional Breathalyzer



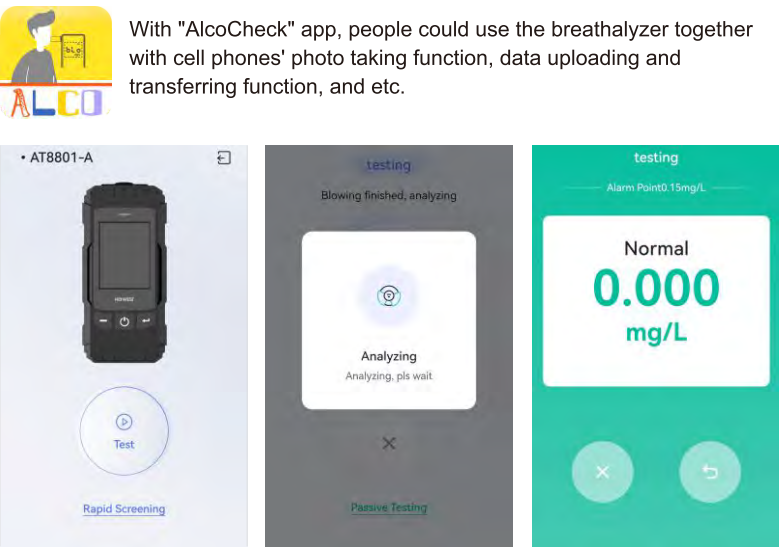
FEATURES

- Fuel cell sensor-accuracy and reliance
- Passive and active test
- Adjustable alarming threshold
- Anti-backflow mouthpiece for health and safety
- Colorful OLED indication and touch screen keyboard input
- 3.7V/2300 mAh Lithium battery
- Real temperature and time indication
- Switchable result units(mg/l, g/l, %BAC, ‰BAC) and temperature scale(°C, °F)
- Testing records (maximum 20000) review
- Password management
- Wireless printer and data uploading

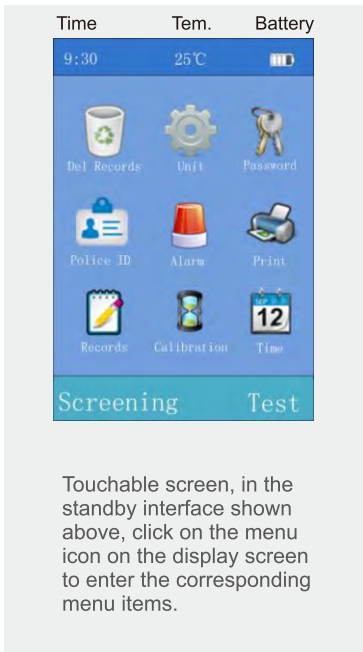
APPLICATION

Police station, traffic management, factory, workshop, office, car, hotel, mine, etc.

APP OPERATION



MENU OPERATION



SPECIFICATIONS

Model:	AT8801/AT8801-A Difference: With or without App		
Sensor Type	Fuel cell	Display	2.8-inch touch screen
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Power	3.7v/2200mAh Lithium batteries
Accuracy	± 0.005 at 0.05%BAC	Working Environment	0°C - 50°C, ≤95% RH, No dews
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Working Time	>10 hours (full charge)
Warm-up Time	<10 s	Charging Time	4 hours
Testing Time	< 5 s	Dimensions	155mm*73mm*30mm @225g
		Records	20,000
		Printer	Bluetooth thermal or Dot Matrix



AT8900 Professional Breathalyzer

FEATURES

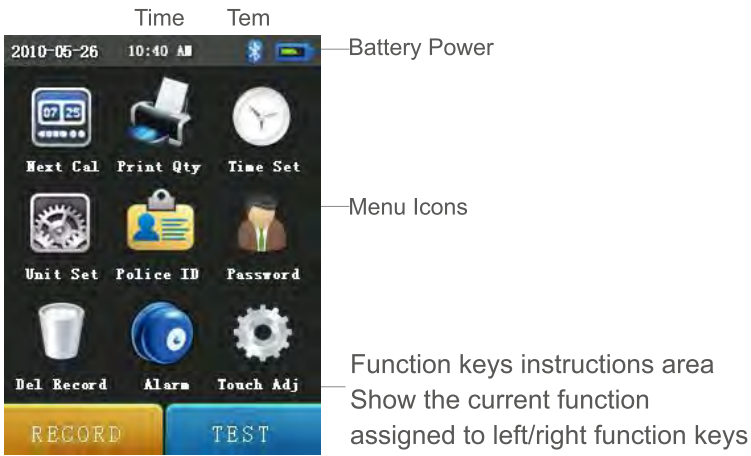
- Fuel cell sensor-accuracy and reliance
- Pre-calibrated sensor module-easy for maintenance
- Passive and active test
- Adjustable alarming threshold
- Anti-backflow mouthpiece for health and safety
- Colorful OLED indication and touch screen keyboard input
- 7.4V/2500 mAh Lithium battery
- Real temperature and time indication
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)and temperature scale(°C, °F)
- Testing records (maximum 20000) review
- Password management
- Built-in printer and data uploading

APPLICATION:

Police station, traffic management, factory, workshop, office, car, hotel, mine, etc.

MENU OPERATION

In the standby interface shown as below, click the menu icon on the screen to enter the corresponding menu item.Partial menu operation requires password authentication.



RECORD UPLOAD

The back-up management on computer requires cooperation of software.



SPECIFICATIONS

Sensor Type	Fuel cell	Display	2.8-inch touch screen
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Power	7.4V/2500mAh Lithium batteries
Accuracy	± 0.005 at 0.05%BAC	Working Environment	0°C - 50°C, ≤95% RH, No dews
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Working Time	>20 hours non-stop (full charge)
Warm-up Time	<10 s	Charging Time	4 hours
Testing Time	< 5 s	Dimensions	185mm*76mm*38mm @350g
		Records	20,000
		Option	Built-in bluetooth thermal printer



AT9000 Professional Breathalyzer

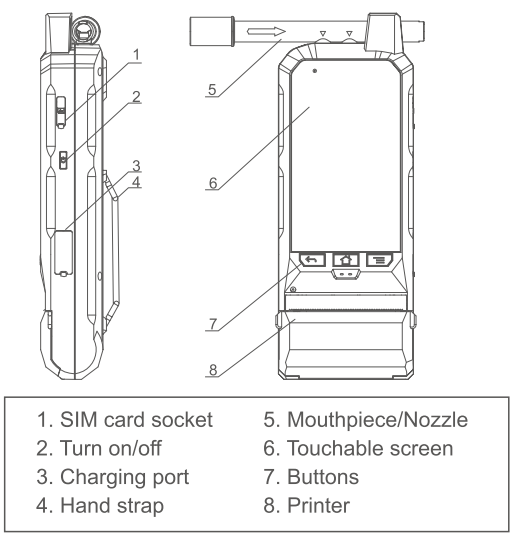
FEATURES

- Fuel cell sensor-accuracy and reliance
- Android 9.0 system based
- Passive and active test
- Adjustable alarming threshold
- Anti-backflow mouthpiece for health and safety
- Colorful touchable screen
- Lithium battery
- Real temperature and time indication
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)and temperature scale(°C, °F)
- Testing records (maximum 50000) review
- Password management
- Built-in printer and data uploading
- Android operation system
- Photograph, video, sound recording
- 8 Mega pixel rear camera and 5 Mega pixel side camera
- GPS to display geographic longitude and latitude

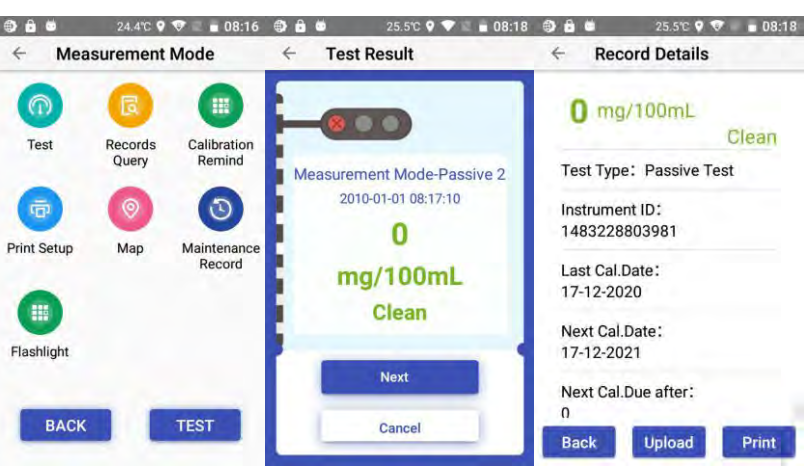
APPLICATION:

Police station, traffic management, factory, workshop, office, car, hotel, mine, etc.

STRUCTURES



MENU OPERATION



SPECIFICATIONS

Sensor Type	Fuel cell	Power	Rechargeable
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Working Environment	0°C - 50°C, ≤95% RH, No dews
Accuracy	± 0.005 at 0.05%BAC	Working Time	>10 hours non-stop(full charge)
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Charging Time	8 hours
Warm-up Time	<10 s	Dimensions	205mm*75mm*30mm @400g
Testing Time	<10 s	Records	50,000
Display	4.0-inch touch screen	Camera	Dual cameras, rear 8 megapixel, side 5 megapixel
		Map	Google map
		Communication	2G/3G/4G, wifi, Bluetooth

Standalone Breathalyzer



AT319 Coin Operated Alcohol Tester

FEATURES

- Fuel cell sensor-accuracy and reliance
- Pre-calibrated sensor module-easy for maintenance
- AC110V/220V power supply
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)
- Suitable for bar, restaurant, hotel, and night clubs, etc.
- Coin payment only

APPLICATION

Bar, hotel, restaurant, factory, workshop, office, hotel, mine, etc.



Standalone Breathalyzer



AT319s Multi-pay Vending Breathalyzer

FEATURES

- Fuel cell sensor-accuracy and reliance
- Pre-calibrated sensor module-easy for maintenance
- AC110V/220V power supply
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)
- Suitable for bar, restaurant, hotel, and night clubs, etc.
- Payment option: coin, credit/debit card, apple pay, NFC payment

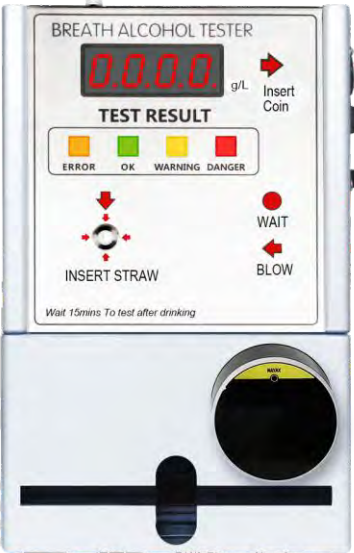
APPLICATION

Bar, hotel, restaurant, factory, workshop, office, hotel, mine, etc.



AT319,Coin operated Breath Alcohol Tester, is designed to measure alcohol concentration in the human body. With advanced fuel cell alcohol sensor, this device has excellent sensitivity and reproducibility. Reasonable and easy testing process, complete function makes it versatile in many occasions.

AT319S is a standalone multi-payment alcohol tester with start of the art design, which adopts advanced changeable fuel cell sensor module that presents professional grade accuracy, superb repeatability and high sensitivity.



AT319 with Card Reader

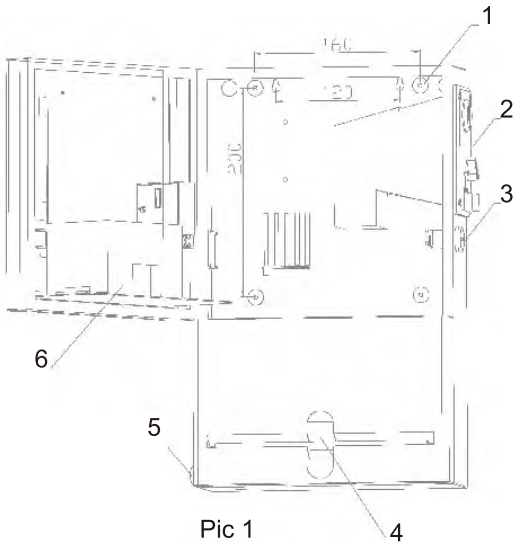
FEATURES

- Fuel cell sensor-accuracy and reliance
- Pre-calibrated sensor module-easy for maintenance
- AC110V/220V power supply
- Switchable result units(mg/l, g/l, %BAC, ‰BAC)
- Suitable for bar, restaurant, hotel, and night clubs, etc.
- AT319 model also could work with card reader (Nayax) if user need card payment.

APPLICATION

Bar, hotel, restaurant, factory, workshop, office, hotel, mine, etc.

STRUCTURES



- 1 Screw hole
- 2 Coin selector
- 3 Lock
- 4 Straw exit
- 5 On/Off switch
- 6 Coin box

Firstly please find a right place then fix the device on the wall (see Pic 1) by using the bolt packed along with the device. Or the tester can be put directly on the platform for use.



SPECIFICATIONS

Sensor Type	Fuel cell	Display	Four-digit digital tube
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Power	AC110V-AC220V 50/60HZ
Accuracy	±0.01%BAC at 0.05%BAC	Working Environment	0℃ - 50℃, ≤95% RH, No dews
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Working Time	Continuous
Warm-up Time	<10 s	Dimensions	310mm*141mm*450mm @4500g
Testing Time	< 5 s	Installation	Wall-mounted
		Payment term	Coins/Card payment

SPECIFICATIONS

Sensor Type	Fuel cell	Display	7.0-inch touch screen
Detection Range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L	Power	AC110V-AC240V 50/60HZ
Accuracy	±0.008%BAC at 0.05%BAC	Working Environment	0℃ - 50℃, ≤95% RH, No dews
Pre-set Level	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L	Working Time	Continuous
Warm-up Time	<10 s	Dimensions	275*150*400mm @4800g
Testing Time	< 5 s	Installation	Wall-mounted
		Payment term	Credit card, NFC, Apple pay, Coins

Alcohol self checking before driving Road traffic checking



Safety-critical workplace checking



Alcohol Breathalyzer Units List

No.	Alcohol concentration in gas:		Alcohol concentration in blood:		
Unit					
	mg/l	mg/100ml	%BAC	‰BAC	g/l
1	0.05	10	0.01	0.1	0.1
2	0.1	20	0.02	0.2	0.2
3	0.15	30	0.03	0.3	0.3
4	0.2	40	0.04	0.4	0.4
5	0.25	50	0.05	0.5	0.5
6	0.3	60	0.06	0.6	0.6
7	0.35	70	0.07	0.7	0.7
8	0.4	80	0.08	0.8	0.8



DT1000 Drug Testing Instrument

DT1000 Saliva Drug Detector is a special device for rapid screening and analysis of drugs in human saliva and their metabolic secretions. It can quickly detect MOR/MOP (morphine), THC (marijuana), COC (cocaine), Methamphetamine, K powder five drugs. It is suitable for drug control bureaus, anti-drug police, drug rehabilitation center etc.

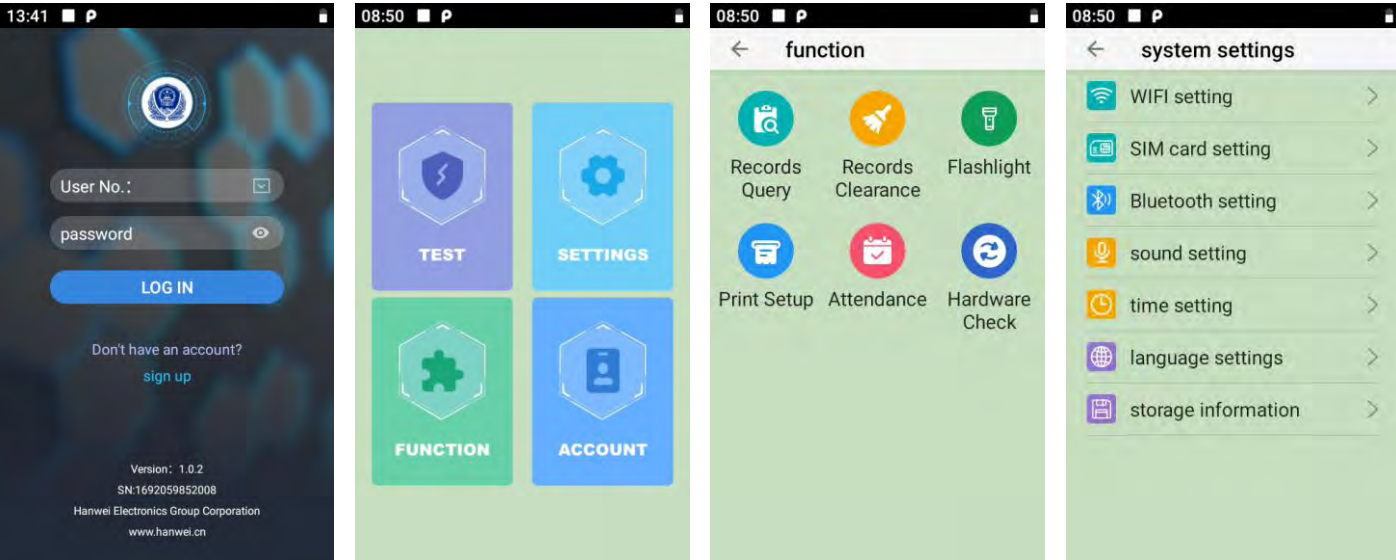
FEATURES

- Qualitative test by saliva paper card
- Android system 9.0
- Dual cameras, rear 8 megapixel, side 5 megapixel
- 480*800 Touch screen
- Rechargeable Lithium battery
- Built-in thermal printer and data uploading
- 100,000 records review

APPLICATION

Police use, Public place

OPERATION



SPECIFICATIONS

Test Strip	Five in one saliva drug testing trip	Power	Rechargeable lithium battery
		Working Environment	-20°C - 50°C, ≤93% RH, No dews
Detecting Item	Cocaine, morphine, methamphetamine, ketamine, THC Marijuana COC/MOP/ MET/ KET/ THC	Working Time	>8 hours non-stop(full charge)
		Camera	Rear 8MP, Side 5MP
Accuracy	99%	Communication	3G/4G, wifi, Bluetooth
Test Type	Identification testing, rapid screening	Dimensions	206mm X 78mm X 36mm @350g
Display	4.0-inch touch screen	Printer	Bluetooth Thermal

Let our flag fly along the yellow river
and all over the world!

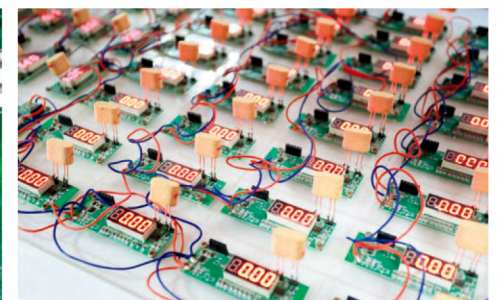
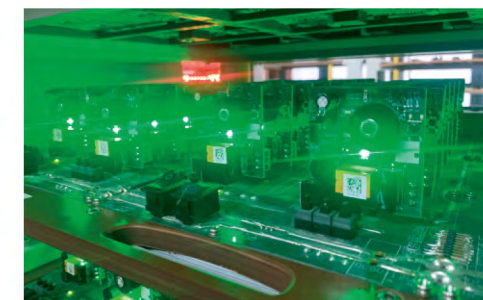
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