



# PNI AT188

Alcohol tester / Detector de alcool



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## Foreword

PNI AT188 is a portable alcohol tester with LCD screen, which emits a sound and light signal when the breath alcohol concentration exceeds the preset alarm point.

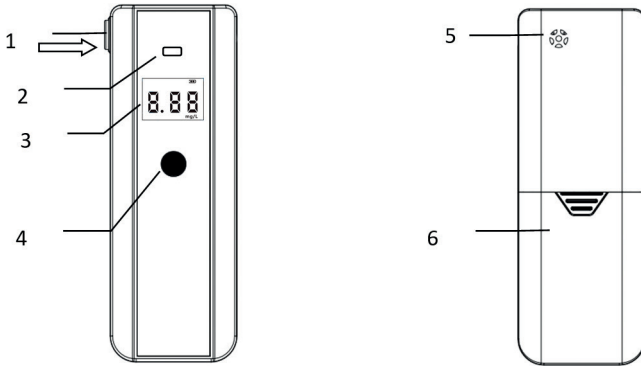
## Warnings

- » Do not hit or shake the device.
- » The test result may be inaccurate if you use the device with discharged batteries.
- » For the best accuracy, we recommend that you perform the test at least 15 minutes after consuming alcohol.
- » After a long period of inactivity, the result of the first test may be inaccurate.
- » We recommend one minute break between tests or blow fresh air into the tester before the next test.
- » Do not blow cigarette smoke into the tester.
- » To clean the device, use a soft, slightly damp cloth. Do not use solvents, detergents or corrosive substances to clean the device.

## Technical specifications

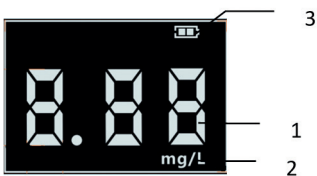
|                     |   |
|---------------------|---|
| Display             | LCD   |
| Sensor type         | Semiconductor                                     |
| Range               | 0~0.20BAC%<br>(0~1.00mg/L; 0~2.00‰BAC; 0~2.00g/L) |
| Resolution          | 0.01BAC%  |
| Warm up time        | around 20 seconds                                 |
| Power supply        | 2 x AA 1.5V battery                               |
| Accuracy            | At 0.05BAC% accuracy $\pm 0.02$ BAC%              |
| Default alarm point | 0.05% BAC   |

## Device description




1. Gas inlet
2. LED indicator
3. LCD screen
4. Multifunction button
5. Gas outlet
6. Battery compartment

## Display description



7. Test result
8. Unit
9. Battery level

| Display | Meaning                           |
|---------|-----------------------------------|
| 8.88    | Test result                       |
| “C”     | Testing in progress, keep blowing |

|   |   |
|---|---|
| “  ” | Testing in progress, the result is expected |
| Err   | Sensor error                                |
| rP  | Error while blowing                         |
| blo   | Blow  |
| bat   | Discharged battery                          |

## Operation mode

1. Insert 2 AA 1.5V alkaline batteries into the device
2. Install a mouthpiece in the dedicated hole.
3. Turn on the device by pressing the multifunction button for about 2 seconds.
4. The device will beep, the LCD screen will light up, and the indicator light will turn blue.
5. The device will start the countdown from 20 to 0 seconds, the time required to heat the sensor.

*Note: do not start blowing until the countdown has ended.*

6. When the “blo” symbol appears on the screen, start blowing into the mouthpiece continuously and constantly.

*Note: while blowing, if the air flow is intermittent, the “rP” error will appear on the screen.*

7. The “C” symbol will appear on the screen.
8. Keep blowing until the device emits 3 short sounds.
9. After a few seconds, the result will be displayed on the screen.
10. If the test result is below the alarm limit, the indicator light will turn green. If the test result is above the alarm limit, the indicator light will turn red and the device will beep.

*Notes:*

*You can change the unit of measure by briefly pressing the multifunction button. To save the test result, long press the same button.*

If the device is not used for a while, it will turn off automatically.

# Troubleshooting

| Problem   | Possible cause   | Solution   |
|---|--|--|
| The LCD screen does not display anything                | The batteries were not installed correctly or the batteries are discharged | Check how the batteries are installed or replace the batteries |
|   | Circuit error  | Contact your dealer  |
| After blowing, the result does not appear on the screen | You blew too early   | Wait until the countdown reaches 0                             |
|   | Circuit error  | Contact your dealer  |
| The “Err” symbol appears on the screen                  | Sensor error   | Contact your dealer  |

## EU Simplified Declaration of Conformity

SC ONLINESHOP SRL declares that **Alcohol tester PNI AT188** complies with EMC 2014/30/EU and ROHS 2011/65/EU Directives. The full text of the EU declaration of conformity is available at the following Internet address: <https://www.mypni.eu/products/7488/download/certifications>

## Introducere

PNI AT188 este un detector de alcool portabil cu ecran LCD, care anunta printr-un semnal sonor si luminos depasirea concentratiei de alcool setata.

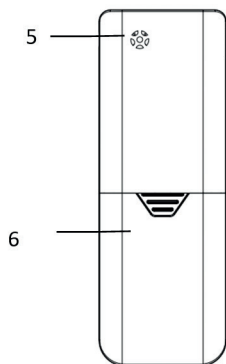
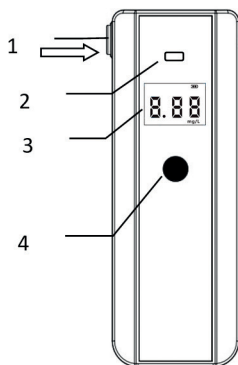
## Atentionari

- » Nu loviti si nu produceti vibratii dispozitivului.
- » Rezultatul testului poate fi imprecis daca folositi dispozitivul cu bateriile descarcate.
- » Pentru o precizie cat mai buna, va recomandam sa efectuati testul la cel putin 15 minute dupa ce ati consumat alcool.
- » Dupa o lunga perioada de nefolosire, rezultatul primului test ar putea fi inexact.
- » Recomandam o pauza de 1 minut intre testari sau suflati aer curat in orificiul de testare inainte de urmatoarea testare.
- » Nu suflati fum din tigara in orificiul de testare.
- » Pentru curatarea dispozitivului, folositi o carpa moale si usor umezita. Nu folositi solventi, detergenti sau substante corozive pentru a curata dispozitivul.

## Specificatii

|                       |   |
|-----------------------|---|
| Ecran                 | LCD   |
| Tip senzor            | Semiconductor                                     |
| Registru de testare   | 0~0.20BAC%<br>(0~1.00mg/L; 0~2.00‰BAC; 0~2.00g/L) |
| Rezolutie             | 0.01BAC%  |
| Timp incalzire senzor | Aproximativ 20 secunde                            |
| Alimentare            | 2 x baterii tip AA 1.5V                           |
| Precizie              | La 0.05BAC% marja de eroare $\pm 0.02$ BAC%       |
| Nivel alarma presetat | 0.05% BAC   |

## Descriere dispozitiv




1. Intrare gaz
2. Led indicator
3. Ecran LCD
4. Buton multifunctional
5. Iesire gaz
6. Compartiment baterii

## Descriere ecran



1. Rezultat test
2. Unitate de masura
3. Nivel baterie

| Afisaj ecran | Semnificatie                           |
|--------------|--|
| 8.88         | Rezultat test                          |
| “C”          | Testare in curs, continuati sa suflati |

|  |   |
|--|---|
| “  “ | Testare in curs, se asteapta rezultatul |
| Err  | Eroare senzor                           |
| rP   | Eroare in timpul suflarii               |
| blo  | Suflati                                 |
| bat  | Baterie descarcata                      |

## Mod de operare

1. Introduceti in dispozitiv 2 baterii alcaline AA 1.5V
2. Instalati un mustiuc in orificiul dedicat.
3. Porniti dispozitivul, apasand timp de aproximativ 2 secunde butonul multifunctional.
4. Dispozitivul va emite un sunet, ecranul LCD se va ilumina, iar ledul indicator va deveni albastru.
5. Dispozitivul va porni numaratoarea inversa de la 20 la 0 secunde, timp necesar incalzirii senzorului.

*Nota: nu incepeti sa suflati pana cand numaratoarea inversa nu a ajuns la capat.*

6. Cand pe ecran apare simbolul “blo” incepeti sa suflati in mustiuc in mod continuu si constant.

*Nota: in timp ce suflati, daca fluxul de aer este discontinuu, pe ecran va aparea eroarea “rP”.*

7. Pe ecran va aparea simbolul “C”.
8. Continuati sa suflati pana cand dispozitivul va emite 3 sunete scurte.
9. Dupa cateva secunde, pe ecran va fi afisat rezultatul.
10. Daca rezultatul testului este sub limita de alarma, ledul indicator va deveni verde. Daca rezultatul testului este peste limita de alarma, ledul indicator va deveni rosu, iar dispozitivul va emite un sunet.

*Note:*

*Puteti schimba unitatea de masura, apasand scurt butonul multifunctional.*

*Pentru a salva rezultatul testului, apasati lung acelas buton.*



Daca dispozitivul nu este folosit o perioada de timp, acesta se va inchide automat.

## Probleme si solutii

| Problema   | Posibil motiv  | Solutie  |
|--|--|--|
| Ecranul LCD nu afiseaza nimic                    | Bateriile nu a fost instalate corect sau bateriile sunt descarcate | Verificati modul de instalare a bateriilor sau inlocuiti bateriile |
|  | Eroare circuit   | Contactati distribuitorul  |
| Dupa ce ati suflat, pe ecran nu apare rezultatul | Ati suflat prea devreme  | Asteptati pana cand numaratoarea inversa ajunge la 0               |
|  | Eroare circuit   | Contactati distribuitorul  |
| Pe ecran apare simbolul "Err"                    | Eroare senzor  | Contactati distribuitorul  |

### Declaratie UE de conformitate simplificata

SC ONLINESHOP SRL declara ca **Detector de alcool PNI AT188** este in conformitate cu Directiva EMC 2014/30/EU si Directiva ROHS 2011/65/EU. Textul integral al declaratiei UE de conformitate este disponibil la urmatoarea adresa de internet:

<https://www.mypni.eu/products/7488/download/certifications>

