

PAOT Scan.io

Oxidative Stress Diagnosis

INSTRUCTIONS MANUAL

PAOTScan



for a better life

http://

<https://www.paotscan.io/fr/>



contact@paotscan.io



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DEVICE SPECIFICATIONS

Liquid measuring bottle



On / Off button

USB-C alimantation

1. Turn on / turn off :

- On : Press 3 secs
- Off : Press 0.5 secs

2. Power indicators :



Steady red
Battery low,
battery life less than 15
minutes

Flashing orange
Battery charging

Steady green
Battery charged

3. Charging



Charging time : 4 h



Use a suitable charger



Power supply specifications: 5VDC (+/- 10%) - 1A. Do not apply a voltage higher than 13VDC, as this may destroy the sensor.

4. Indicator lights



Power indicator:
Battery bar in %.



Wifi connection indicator:
Press for 3 seconds



Bluetooth connection indicator :
Press for more than 3 seconds



Charging



Device not connected to wifi

5. Wifi and Bluetooth connection mode

Modes can only be changed when the PAOTScan is OFF.



Press 4 sec for **wifi mode**



Press longer than 4 sec for **bluetooth mode**

TECHNICAL SPECIFICATIONS

Parameters measured

Oxidative stress by:

PAOTScore (Total Antioxidant Power)

POTScore (Total Oxidizing Power)

Accuracy

PAOT measurement range: 0 - 130

POT measurement range: 0- 20

Measurement error: < 10%.

Dimensions

10 cm x 9 cm x 4 cm

Weight: 150g

Operating time: 15h

Operating temperature: 5 - 40°C

Operating humidity: 0 - 98% (non-condensing)

Communication frequency: 2.4 GHz

Optimum operating conditions

- ◆ Check PAOTSCAN charge level
- ◆ Download a compatible application



- ◆ Check availability of communications
- ◆ Wifi enabled
- ◆ Bluetooth enabled
- ◆ Mobile network available
- ◆ Geolocation enabled
- ◆ Ensure sufficient proximity between sensor and cell phone

WARNINGS

- ◆ Do not use if $T^{\circ} > 45^{\circ}\text{C}$ Do not expose to sunlight
- ◆ Do not use near sources of heat or flammable materials
- ◆ Do not use in heavy rain
- ◆ Do not immerse in liquids
- ◆ Do not knock or damage your device
- ◆ Do not disassemble the product
- ◆ Do not insert foreign objects into the openings

Do not leave within the reach of children

OXYSTRESS TECHNOLOGIES

declares that this device conforms to its specifications.

Failure to comply with the conditions of use may compromise the safety of the product.

We accept no responsibility for any damage resulting from failure to comply with these warnings and instructions.



Clean the device using a slightly damp wipe. Between each sample, rinse the chamber with 2 mL of distilled water. Do not use any solvent other than water.



Normal environmental conditions

- Indoor use only
- Altitude up to 3000 m
- Temperature between 5 and 40°C
- Relative humidity between 30% and 70%
- Main supply voltage fluctuation <5%
- Pollution degree 2 compliant

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on

FIRST WIFI CONNECTION

1

Scan the **QR code** on the device

2

Connect to the **PAOTSCAN** network

Se connecter au réseau Wi-Fi
« Paotscan
F4:12:FA:67:CC:C6 » ?

Annuler

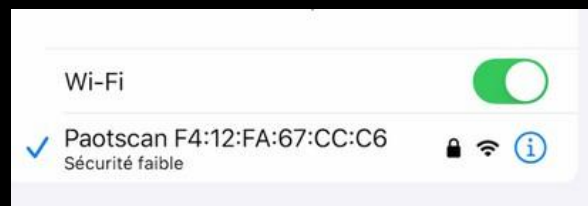
Rejoindre

3

Enter the **code** displayed on the device in the
“password” field

4

You are **connected** !



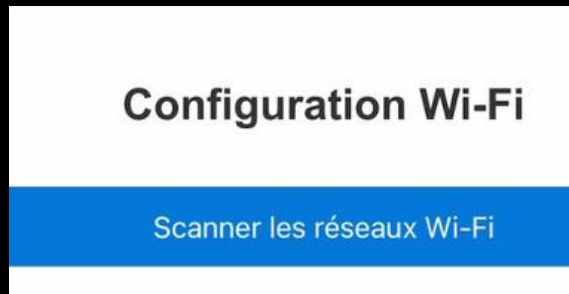
WIFI NETWORK CONNECTION

1

Press and hold the “on” button for 3 seconds

2

Scan the QR code on the device screen



3

Choose your Wi-Fi network and connect



LIQUID MANUAL

1

Press the **on button** for **3 seconds** to **switch on** the device

2

Log on to <https://mypaotscan.com> by **scanning** the **QR code** on the **device's screen**

3

Connect the device by selecting "**Connect**" then "**launch**".

4

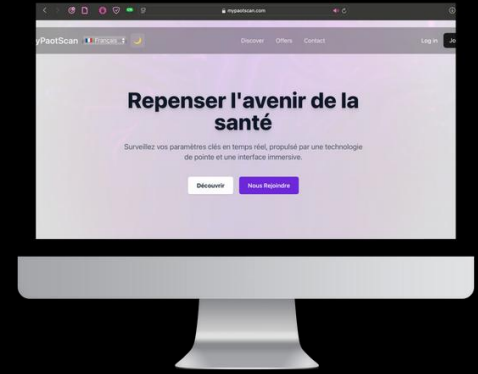
Enter the **name** of the sample being tested

5

Select **parameter** [parameter name] and **method** [method name].

6

Enter the **characteristics** of the sample



Connect

Disconnect

Launch

Analyse name

Method

Parameter group

Pur

Volume(μL)

Solvant

Density

Dilution Factor

7

Click on **“check channels values”** then **select** the corresponding channel

Check channels values

Channel 1 : 0.000 | OFF

Channel 2 : 46.611 | ON

Channel 4 : 0.000 | OFF

8

Click on **“next”**

Next

Next

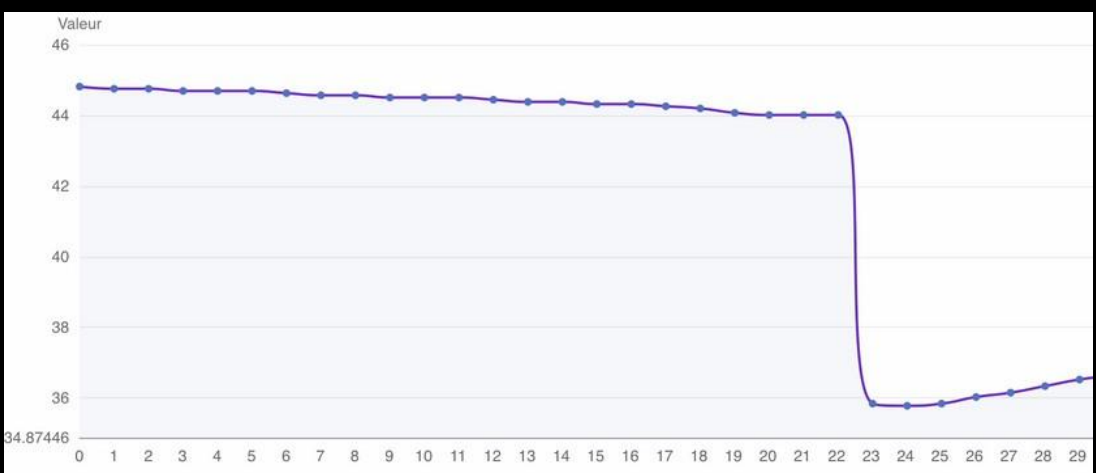
Cancel

9

Add the **appropriate reaction medium (Food; loxy,..)** then **run the analysis**

10

Add 50 ul of your sample



11

At the end of the analysis, click on **“save”**. **“send it”** and **“end”**.

Analyse successfully ended

Save

Send it

End

12

Your **results** can then be **viewed** on the following logo:



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For more informations :



<https://www.paotscan.io/fr/>



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