



Pressure X Pro

SMART BLOOD PRESSURE MONITOR

User Manual



Model Number: JPD-HA121
Version: V2.1
Revision 2021.2

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1 • Introduction

Thank you for purchasing an **Oxiline Pressure X Pro®**

Helping you Know Your Health™ is our top priority. That's why all Oxiline devices have been thoroughly tested and held to high-quality standards before reaching your hands.

The Pressure X Pro is a reliable device when used correctly. We recommend that you read this manual carefully so that you may use the device properly and receive the most accurate results.









2 • Product Composition

The **Pressure X Pro®** comprises the blood pressure monitor host machine and the cuff.

3 • Application Scope

The **Pressure X Pro®** is used to measure the diastolic pressure, systolic pressure, and pulse rate of adults by oscillometric method for diagnostic reference.

4 • Legend, mark, and meaning

	Warning message.
	Type BF applied part.
	When the product life expires and the end users discard the products, send them to the designated collecting and separating place for disposal according to the requirements of the local environmental protection authority.
	Consult the instructions before using.
	This product complies with the MDD93/42/EEC requirements.
IP21	Degree of protection against the ingress of water.
	Manufacturer Information.
	Manufacturing Date.
	Authorized European Representative.

5 • How to Take a Blood Pressure Measurement

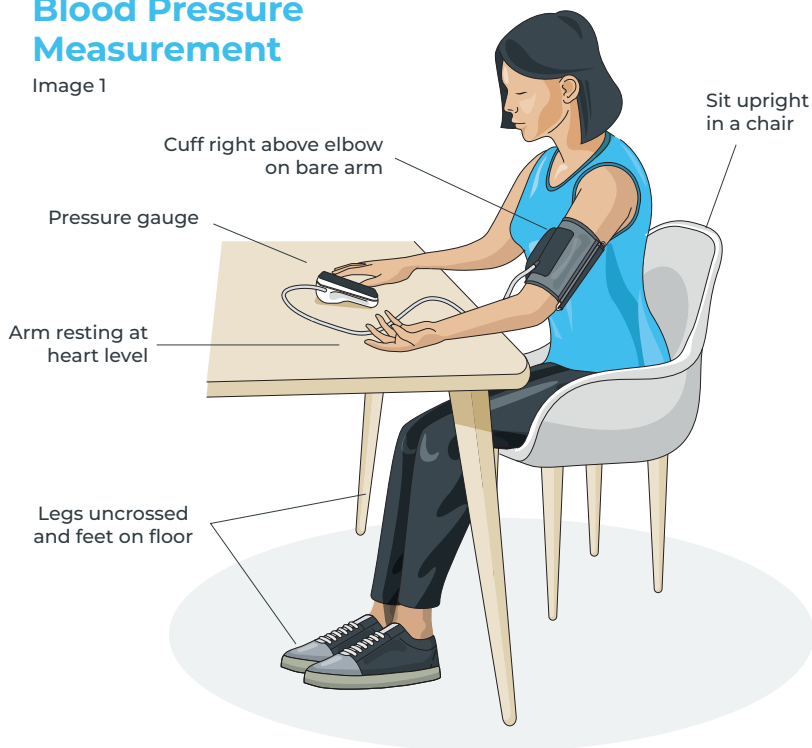
The validity of your results will highly depend on how accurately you follow these instructions.

- 1 - Avoid smoking, eating, drinking caffeinated drinks, or exercising for 30 minutes before taking a measurement.
- 2 - For the most optimal results, measure once in the morning before breakfast and once in the evening before bedtime.
- 3 - Sit upright in a chair with both feet on the floor. Do not cross or move your legs while measuring.
- 4 - Remove tight-fitting or thick clothing from your upper arm. Ideally, wear short or no sleeves to avoid clothing altogether.
- 5 - Pull on the end of the cuff until it wraps securely around your upper arm. For the most accurate results take measurements in both arms. (More info on how to properly place the cuff is described below)
- 6 - Place your lower arm flat on a table, leaving the center of your palm naturally upwards, sitting upright, and ensuring the center of the cuff and your heart are at the same level. **(See Reference Image 1)**

- 7 - Do not move or talk while taking a measurement.
- 8 - To begin measuring press the start button on the device.
- 9 - When the measurement is complete, the cuff will automatically deflate and your systolic pressure, diastolic pressure, and pulse rate results will be displayed.

Blood Pressure Measurement

Image 1



6 • Arm Cuff Placement Guide

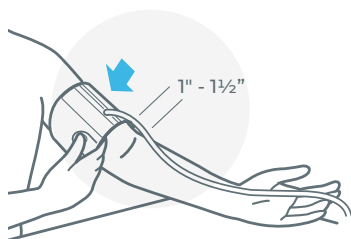
- 1 - Place the cuff flat on the table, leave the hook & loop downwards, and pass the end of the cuff through the metal ring to form a loop. The hook & loop should point outwards. **(See Reference Image 2)**
- 2 - Insert your arm through the loop and pull the cuff to your upper arm area. Make sure the cuff is on the correct side by maintaining the air tube on the bottom. Additionally, the “ Φ ” symbol shown on the cuff should be on the bottom side.
- 3 - Place the cuff on your upper arm while allowing a distance of 1 Inch (2.5cm) from your elbow.
- 4 - Fasten the cuff by pulling the end of the cuff so that it's evenly tight around your arm. You should place it tight enough so that you can only slip two fingertips under the top edge of the cuff. Make sure your skin doesn't pinch when the cuff inflates.
- 5 - Allow the air tube to run down towards the interior of your forearm. This will ensure the air tube is not obstructed.
- 6 - Place your lower arm flat on a table, leaving the center of your palm naturally upwards, sitting upright, and ensuring the center of the cuff and your heart are at the same level. **(See Reference Image 1)**

Image 2

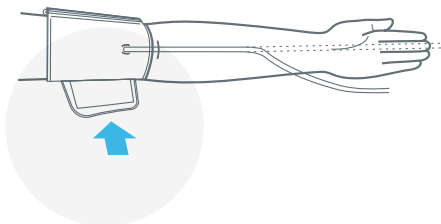
1- Twine Cuf



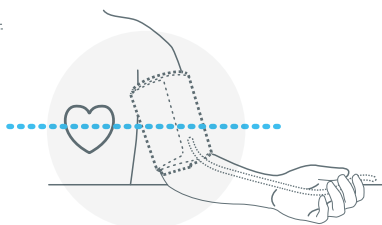
2- Wear cuff (1")



3- Fasten Velcro



4-Heart Height

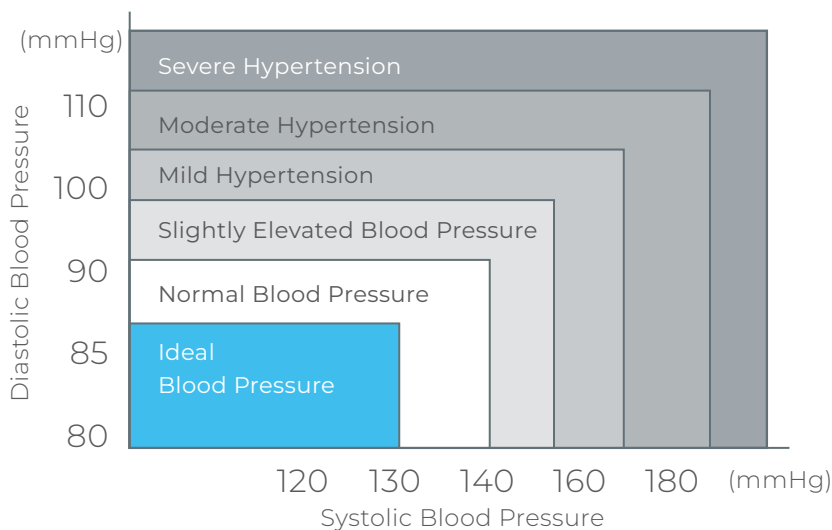


7 • Understanding Blood Pressure Results

There is no definitive guide to determine if blood pressure results are good or bad. Interpreting blood pressure results is a complex topic and should always be consulted with a doctor.

The World Health Organization (WHO) has determined that for most people, the goal is to have a blood pressure less than 140mmHg Systolic and 90mmHg Diastolic.

Take a look at the chart below for your reference.

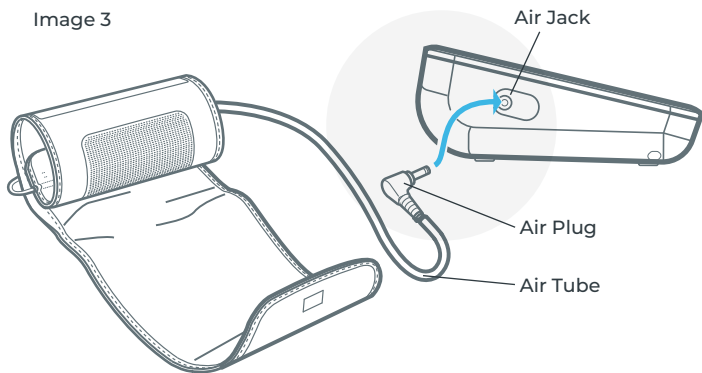


8 • Device to Cuff Connection

To connect, insert the air plug of the cuff air tube into the air jack of the device. **(See Reference Image 3)**

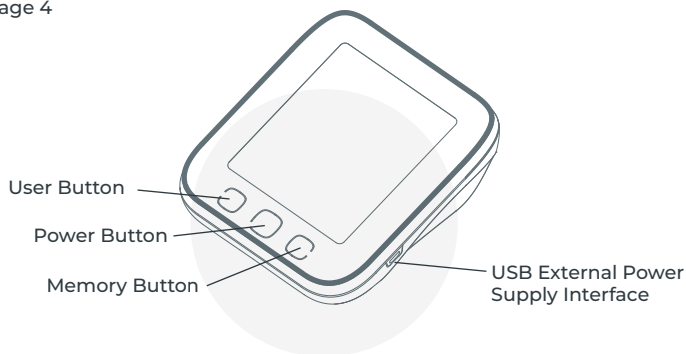
The applicable arm circumference range must be inside the 8.7" - 14.2" (22-36cm) or 8.6" - 16.5" (22-42cm) ranges.

Image 3



9 • Device Input/Output Guide

Image 4

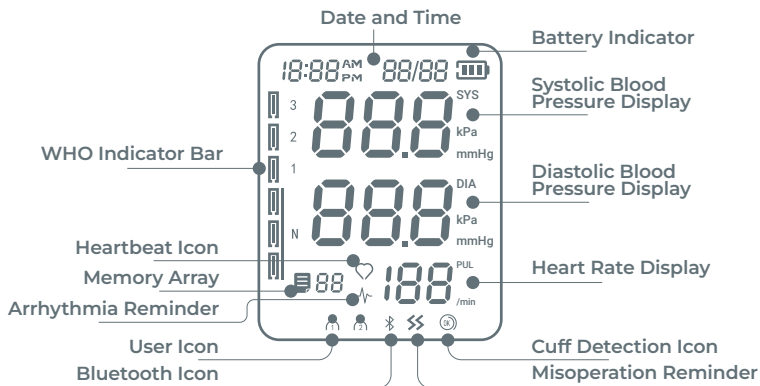


10 • Package Contents

No.	Name	Quantity
1	Blood Pressure Monitor Device	1
2	Arm Cuff	1
3	Batteries (AA)	4
4	User Manual	1
5	Travel Bag	1

11 • Device Display Guide

Image 5

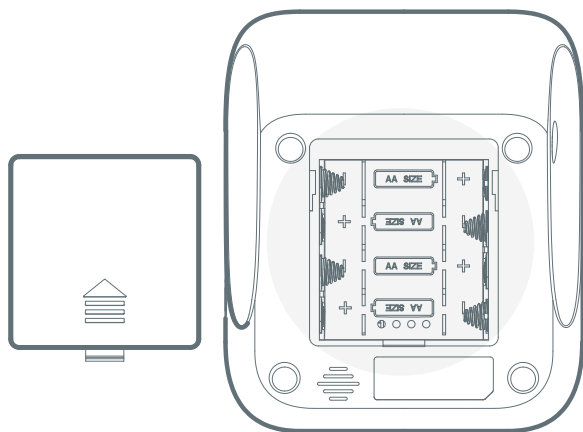



12 • Battery Installation Guide

Open the battery cover. (See Image 6)

Place 4 AA dry batteries. Make sure battery polarity matches device polarity. Example: (+) is matched with (+)

Image 6



After the product is turned on if a low power symbol  appears on the screen, the measurement cannot be performed, and the battery must be replaced.

⚠ Do not use any expired batteries.

⚠ If the device will not be used for over 3 months, please take out the batteries to preserve the device.

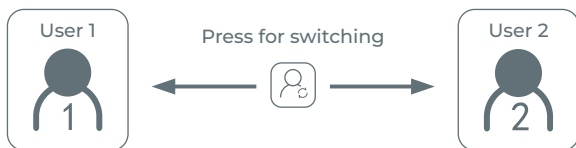
13 • Device USB Power Supply

You may connect the device to a USB cable to power it without using batteries. The USB power will not charge the device or its batteries.

14 • Switching Users on Device


To switch users press the user button 

Switching between “User 1” and “User 2” can be done while the device is turned off or once a measurement is completed.



15 • Editing Device Date, Time & Units

Enter the Date/Time edit mode:

While the device is turned off press and hold the user button  for 3-5 seconds.

Edit the Year:

The year value will appear automatically and begin flashing on the display.


Press the memory button  to increase the year value.

Press the user button  to confirm the displayed year value and proceed to edit the month value.

Edit the Day:

The day value will appear automatically and begin flashing on the display.

Press the memory button  to increase the day value.

Press the user button  to confirm the displayed day value and proceed to edit the hour value.

Edit the Hour:

The hour value will appear automatically and begin flashing on the display.


Press the memory button  to increase the hour value.

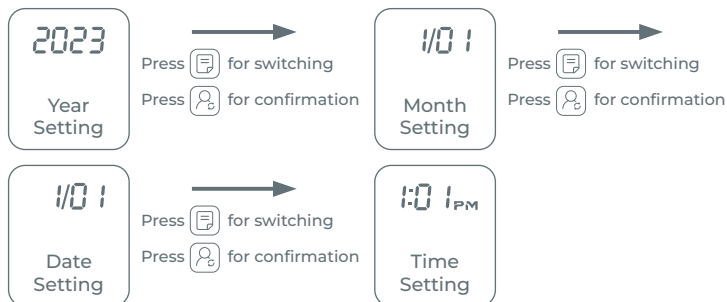
Press the user button  to confirm the displayed hour value and proceed to edit the minute value.

Edit the Hour:

The minute value will appear automatically and begin flashing on the display.

Press the memory button  to increase the minute value.

Press the user button  to confirm the displayed minute value and proceed to edit the unit value.

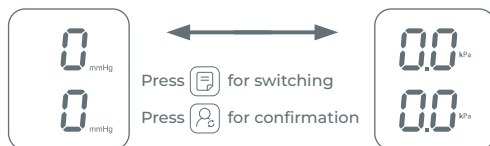


Edit the Year:






The unit value will appear automatically and begin flashing on the display.

Press the memory button  to switch from 0, which indicates mmHg unit, to 0.0 which indicates kPa unit.



Press the user button  to confirm the displayed unit value and complete the editing process.




16 • Operating the Device

1. Press the power button  to begin measuring.
2. The air pump will automatically activate gradually inflating or deflating the arm cuff to stabilize the pressure.
3. If the arm cuff is properly placed the cuff detection symbol  will be displayed.
4. When the pulse is measured, the flashing heart symbol  will be displayed.
5. Once finished, the device will completely deflate the arm cuff and display the pulse rate, systolic and diastolic pressure results.
6. Results will continue to be displayed for 30 seconds, then the device will automatically power off.
7. Alternatively, power off the device by pressing and holding the power button .
8. If the misoperation symbol  is displayed, the device detects body movement that may have caused an inaccurate result.

17 • Accessing Device Memory

This device allows 2 users to store up to 99 measurements each. To access the device memory press the memory button  once. The latest measurement will be displayed. To cycle between measurements press the memory button .

18 • Deleting Device Memory

Press the memory button  to enter the device memory, then press and hold the memory button again for 3 seconds to delete all readings stored in the device. Once memory is deleted it can not be restored.


19 • Bluetooth Connectivity

Visit the website shown below from your smartphone or tablet device to download the App.

www.oxiline.shop/app-download

20 • Device Error Guide

Problem	Possible cause	How to correct
Display stays off after pressing ON button.	Low battery	Replace batteries or use the USB input for power supply.
	Batteries are incorrectly installed.	Install the batteries in the correct polarities.
No pressurizing	The air tube is loosely installed.	Make sure the air plug is securely inserted into the main unit.
	The air tube is broken or leaked.	Replace cuff.
"Err 1" displayed	Sensor malfunction detected.	Contact customer support.
"Err 2" displayed	No pulse detected. (Cuff is not placed properly)	Check and follow instructions on how to properly place the cuff.
"Err 3" displayed	Abnormal result.	Device was incorrectly used. Restart and try again.
"Err 4" displayed	Cuff is loosely wrapped.	Check and follow instructions on how to properly place the cuff.
	Cuff airbag is ruptured.	Replace with a new cuff.

Problem	Possible cause	How to correct
"Err 5" displayed	Air tube obstruction detected.	Check if the air tube is clogged or folded before measuring, then retry.
"Err 6" displayed	Signal interference detected.	Remove interfering source e.g. mobile phones, magnets.
"Err 7" displayed	Pressure value exceeds the limit	Don't touch the cuff or fold the air tube during measurement.
 Note: If problems persist please contact customer support. Do not disassemble the device!		

21 • Specifications

Product Name	Digital display mode	
Model Number	JPD-HA121	
Display Mode	Digital display mode	
Measuring Mode	Oscillographic method	
Measuring Body Part	Upper arm	
Measuring Range	Pressure value	0-295mmHg (0kPa-39.3kPa)
	Pulse value	40-199 pulse beats/min
Static measurement accuracy	Pressure value	±3mmHg ±0.4kPa)
	Pulse value	± 5% of read value
LCD display	Pressure value	Unit : mmHg/ kPa
	Pulse value	Pulse rate per minute, displaying three digits
Storage capacity	99 groups of measurement data for each of two users	
Power supply	4 AA dry batteries /DC 5V USB external power supply	
Power Off Mode	Manual power-off/ Auto power-off	
Device weight (without batteries)	About 362g	
Monitor Size	138.5mm (length) *120mm (width) * 63.2mm (height)	

Product Name	Digital display mode		
Screen Size	83mm (length) *97mm (width)		
Cuff	Upper-arm-type cuff (measured arm circumference 22-36cm or 22-42cm)		
Annexure	Cuff, User Manual, Dry battery, Zipped Carrying Bag		
Battery Life	High-performance dry battery can be used for about 300 times at normal temperature		
Service Life	5 years		
Date of Production	See label		
Operating environment	Temperature Condition	5°C - 40°C	If the device is stored and used in the environment out of the designated temperature & humidity ranges, it cannot operate normally.
	Humidity Condition	15%-85%RH	
	Atmospheric Condition	70kPa-106kPa	
Transportation and Storage Environment	Avoid strong impact, direct impact, exposure, or rain during transportation. The packaged Blood Pressure Monitor shall be stored indoors at a temperature of -20°C~55°C and a relative humidity of 10%~93%, atmospheric Condition: 70kPa-106k, without corrosive gas and with good ventilation.		

22 • Warnings, Precautions, Device Care & Cleaning

Warnings



The warnings and illustrations shown in the User Manual enable you to use the product safely and correctly, thus preventing you and others from being injured, specifically as follows:

- 12 and people who can't express their intention. When children of 12~18 use the device, they should be accompanied by an adult.
- Pregnant women should use it under the guidance of a doctor.
- Do not wrap the cuff over a wound, as this can cause further injury.
- This device is suitable for the arm circumference range of 22-36cm or 22-42cm, and if the arm circumference exceeds this range, you might fail to obtain the correct measured value of blood pressure.
- This device is not suitable for newborns or young children.
- Do not judge blood pressure conditions based on one single measurement. Blood pressure is a constantly changing parameter. The repeated measurement of data over an extended period of time will be more reliable.
- Do not make self-diagnosis according to the measurement results. Please consult and share your results with a doctor. The treatment based on the self-diagnosis of measurement results is very dangerous.

Precautions



- Do not collide or drop the device to avoid collision or strong impact on the device.
- Do not mix old and new batteries of different brands.
- Indoor temperature, environment, noise, user's body position, speech or exercise might affect the blood pressure measurements.
- The body movement, magnetic field and improper wearing of cuff and sensor will affect the measurement as well.

Device Care and Cleaning



- Keep the device away from direct sunlight, extreme temperatures, humidity or moisture.
- Use a dry, soft cloth to clean the device, or if desired, use a cloth lightly dampened with water.
- Do not use corrosive cleaner, benzene, thinner or other volatile liquids to clean the device.
- Do not wash or expose the arm cuff to liquid.
- Remove batteries from the device when it will not be used for more than 3 months.
- To disinfect, gently wipe the surface area with the following disinfecting agent(s): Isopropanol solution with 70% concentration, or Medical alcohol with 75% concentration.

23 • Manufacturer Details

Manufactured for Oxiline LLC

Address: 140 NW 37th St, Miami FL 33127

Tel: +1 (833) 694-5463

Customer Support: support@oxiline.shop

Website: www.oxiline.shop