

WARRANTY CARD

Model No.:..... Lot No.:.....

Invoice No.:..... Date of Purchase.....

Purchased By:..... Contact No.:.....

Address.....

Dealer's Name.....

Dealer's Sign & Stamp



Register your product to claim warranty



* Terms & Conditions apply



Aneroid Sphygmomanometer (Digital)

Model No.: OAS105
INSTRUCTION MANUAL

Passim Lifesciences Ltd. warrants this units free of any defect in material, workmanship and operation, under normal use, for a period of one year from the date of purchase. If any part become defective during the warranty period Passim Lifesciences Ltd. will repair or replace (if not repairable) the same, free of cost. This shall not apply to any parts that are considered as expandable or deteriorable in the course of normal use. Passim Lifesciences Ltd. shall be relieved of any liability and warranty shall cease to apply if :

- This is not used in accordance with the instructions in the operational manual.
- It is used with any equipment not complying with the specification of this unit.
- It is not regularly maintained.
- The unit is disassembled, repaired or operated by person not authorized by Passim Lifesciences Ltd.
- Damage caused due to negligency.
- The unit is operated in corrosive materials or in the harmful atmosphere.
- The warranty card is not filled completely and produced at the time of warranty claim.

Symbols

- Medical Device
- Refer Instructions Manual
- Lot No.
- Keep Away From Sunlight
- No Trash
- Manufactured By
- Serial No.
- Manufacturing Date
- Warning/Caution

Manufactured by:

Passim Lifesciences Ltd.

Plot No. 45, Ind. Area, Phase-II, Panchkula -134113, Haryana- INDIA

Mfg. Lic. No.: MFG/MD/2022/00615

For any Complaint/ Suggestion please contact:

Customercare Number: 1800 309 3009, Timing: 9am-7pm, Mon. - Sat.

Email ID: customercare@droadin.in, Website: www.droadin.in

Marketed by:

Odin Healthcare Pvt. Ltd.

Plot No. 45, Ind. Area, Phase-II,
Panchkula -134113, Haryana- INDIA



Please read instruction manual before use

Intended use

An aneroid sphygmomanometer is used by professional healthcare providers and individuals trained in the auscultatory blood pressure technique to determine systolic and diastolic blood pressure in human.

Description

Aneroid sphygmomanometer consists of an aneroid manometer Digital (gauge), complete inflation system, (inflation bladder, squeeze bulb and the control valve), a zippered leather bag and operating instructions Manual. An aneroid sphygmomanometer measures blood pressure by inflating a cuff around the patient's arm. The pressure is then shown on a digital Gauge. The systolic and diastolic pressure is usually assessed by listening to Korotkoff sounds generated by arterial blood flow using a stethoscope simultaneously.

Parts of Products



Measurement Procedure

1. Open the top cover of the product and connect the 1st tubes on the Digital Gauge and 2nd one to the air inlet and the inflating bulb.
2. Press the power switch (ON/OFF) button and all the markers are displayed for about one second.
3. Blood pressure measurement is ready after the LCD column appears "(-)" and the LCD digital screen appears "0 kPa or 0 mmHg"
4. Wrap the cuff around the upper arm, place the stethoscope on the radial artery, and apply pressure to the cuff by squeezing the balloon (confirm that the air release valve is fully closed.). The cuff is inflated to a higher systolic pressure than the user (4~5) kPa [(30-40) mmHg].
5. After the inflation is completed, turn the nut of air release valve, and the air is

slowly discharged to lower the pressure. When a clear pulse sound is heard, the pressure value shown is the systolic pressure (upper pressure), and continues to deflate slowly until the pulse sound disappears or the sound changes, The pressure value shown is the diastolic pressure (lower pressure). During the measurement process, when the pressure is greater than 30mmHg, press the power switch (ON/OFF) button to temporarily remember the current pressure value, up to 5 groups. (Note: Turning on, off, or re-inflating the measurement will automatically clear the memory)

6. After the measurement, if there is memory pressure, the LCD column will display all the stored pressure values at the same time, and the LCD digital will cyclically display the stored pressure value, and the unit mark will flash.
7. Turn the nut on the air release valve counterclockwise to completely release the air from the cuff.

8. Turn off the power by pressing the switch.

* Even if you forget to turn off the power, if the pressure is less than 2.6Kpa (20mmHg) for about 5 minutes, the power will automatically shut down.

Note: *This product has conversion function between mmHg and kPa. When the power is turned on, the display screen shows millimeters of mercury (0 mmHg). It will be converted to kPa automatically and shows 0.0 kPa when Press and hold the power switch (ON/OFF) button for 3 seconds.

*The LCD column is displayed synchronously with the digital window and can be read

When the pressure is greater than 40.6 kPa (305 mmHg) when pressurized, the top of the LCD column will flicker, and the sphygmomanometer will not be able to measure. If you need to re-measure, please release the remaining air in the bladder and then turn it on.

*This product uses internal power supply. In order to save power consumption, when the pressure is less than 2.6Kpa (20mmHg), if it does not operate for more than 1 minute, the backlight will be automatically turned off Before the automatic shutdown, the backlight will automatically light up when it is used again.

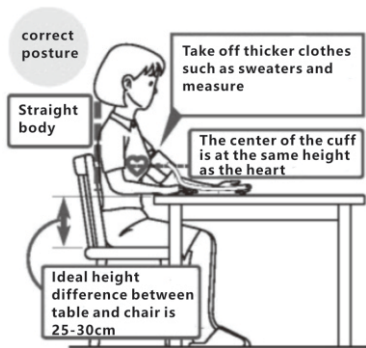
Correct sitting posture during measurement

The correct sitting posture must be ensured in order to obtain accurate results.

Note

Measurements should be taken in a quiet place, and the subject should be in a relaxed, seated position. Make sure the room is not too hot or too cold. Avoid eating, drinking, smoking or exercising for at least 30 minutes before measurement.

Do not move or talk during the measurement.



Note: Measurements can be made on both left and right arms. The blood pressure of the left and right arms may be different, so the measured blood pressure values may also be different. We recommend that you always use the same arm for measurements.

Maintenance and storage

Maintenance

In order to protect the sphygmomanometer from damage, please observe the following:

Please clean the sphygmomanometer if necessary. (Dirty or when used for different patient to prevent cross infection).

*Do not place the sphygmomanometer and cuff in an environment that is hot, humid, filled with moisture or direct sunlight.

*Do not place the sphygmomanometer near the devices like fireplace, radiant heater, nebuliser and steam heater. Or degraded sensor can effect measurement accuracy.

*Do not fold the cuff or tube tightly.

*Do not inflate the cuff to 40 kPa (300 mmHg) or more.

*Do not disassemble the sphygmomanometer.

*Do not subject the sphygmomanometer to Arong shocks or vibrations (eg sphygmomanometer falls to the ground).

*Do not use a volatile liquid to clean the sphygmomanometer.

*Please clean the sphygmomanometer with a soft dry cloth.

*Do not use gasoline, thinner or similar solvents to clean the cuff.

*Please use a soft damp cloth and soap to clean the cuff.

*Do not perform any repairs on your own.

*If there is a quality problem with the product, please call the customer service hotline.

*Don't service and maintenance while equipment is in use.

Storage

Do not place the device in the following places:

*a place that is easy to splash.

*High temperature, humidity, direct sunlight, dusty or corrosive gas.




*Place where tilt, vibration or impact occurs.



*Where chemicals or corrosive gases are stored.

Safety Precaution

Please read this "Safety Precautions" carefully before use for proper use.

In order to prevent users from being harmed or lost due to improper use, please refer to "Safety Precautions" and use this product correctly For your safety, be sure to follow this safety precaution:

|  Warning | |
|---|---|
|  | <p>*For patients with severe blood circulation disorders and blood diseases, please use them under the guidance of a doctor. Failure to do so may result in physical discomfort.</p> |
| | <p>The user must contact its local authorities to determine the proper method of disposal of potentially bio-hazardous parts and accessories.</p> <p>The patient self-judgment and self-treatment through the measurement results is very dangerous, so please follow the doctor's instructions. Self-judgment can make the condition worse.</p> |
|  | <p>Do not be used in babies and people who cannot express their own thoughts. · It will be the cause of an accident or dispute. For example 1) Strangulation resulting from baby or child entanglement in hoses or cable 2) Choking resulting from a child swallowing small parts (like battery) detached from equipment</p> |
| | <p>This product is for blood pressure measurement only. An accident may occur when used for purposes other than measuring blood pressure.</p> |

| | |
|--|---|
|  | Be sure to use a dedicated arm band. Otherwise, accurate measurements cannot be made. |
| | Do not use mobile phones or other electromagnetic interference devices near this product. There is a danger of causing this product to malfunction. |
| | *Use a manganese or alkaline dry battery (3pcs) and do not use other batteries. Failure to do so may cause mechanical failure. |
| | *Do not leave the cuff in the long-term over-inflation during the measurement. Otherwise, the arm may be over-pressed and cause blood circulation due to poor blood flow. |
| | *When there is a common arrhythmia (such as atrial fibrillation), the measured value may be inaccurate or the blood pressure cannot be measured. . |
| | *Please use according to the usage and storage temperature and humidity standards described in this manual. Otherwise it may not be measured correctly. |
| | * Please note potential allergic reactions to accessible materials. * Please note skin irritation due to prolonged exposure to applied part or other accessible part. |
|  | Do not disassemble or repair or modify the body and armband of the sphygmomanometer. Do not use accessories, detachable parts and materials not described in the user manual. · Otherwise it cannot be measured correctly |

Specifications:

| Item | Specification |
|-------------------------|---|
| Product name | Aneroid Sphygmomanometer (Digital) |
| Model No. | OAS105 |
| Measuring method | Korotkoff |
| Measuring range | Pressure: (0-40) kPa (0-300) mmHg |
| Resolution | Liquid crystal column: 0.26kPa(2mmHg). Digital display:0.13kPa(1mmHg) |
| Maximum allowable error | Pressure: ±0.5kPa (4mmHg) |

| | |
|-----------------------------------|--|
| Overpressure prompt | Crystal column top flashes when pressure is over 40.6kPa(305mmHg) |
| Power supply | (AAA) *2 alkaline dry battery |
| Suitable Arm circumference | 220mm-320mm |
| Classification | BF type device, IP22 |
| Equipment classification | Internal power supply, common equipment; continuous operation; equipment that cannot be used in the presence of flammable anesthetic gas mixed with air or flammable anesthetic gas mixed with oxygen or nitrous oxide |
| Operating environment | Temperature: 5°C~40°C Humidity: 15%-5%HR, 50-106kPa |
| Storage and transport environment | Temperature: -20°C-55°C Humidity: ≤ 95%, 50-106 kPa |
| Weight | Around 106gm (exclude arm band and battery) |
| Accessory | Arm band, inflation bulb, manual |