

- During the measurement, the arm cuff is excessively inflated for a long time, and the excessive pressure may make the measured feel uncomfortable. If the feeling is strong, press (on/off) to relieve the pressure and take off the arm cuff.
- Do not disassemble, repair or modify the body or wrist cuff of the blood pressure monitor by yourself. Otherwise it cannot be measured correctly.
- To avoid measurement errors, carefully read this manual before using the product.
- The device has been evaluated clinically using manual cuff/stethoscope auscultation as the reference. Blood pressure measurements determined with this device are equivalent to those obtained by a trained observer using the cuff/stethoscope auscultatory method, within the limits.

Care and Maintenance:

To keep your digital blood pressure monitor in the best condition and protect the unit from damage. Follow the directions listed below:

1. Please keep the blood pressure monitor and accessories properly when you don't use it. Disassemble the blood pressure monitor.
2. Do not subject the monitor to extreme hot or cold temperatures, humidity or direct sunlight.
3. Do not subject the monitor to strong shocks, such as dropping the unit on the floor.
4. Do not use volatile liquid to clean the monitor. Clean the monitor with soft and dry cloth.
5. Do not wash with water. Use a neutral detergent and gently wipe with the surface when cleaning is required.
6. If the unit will not be used for three months or longer. Always replace all the batteries with new ones at the same time.

Error indicator and troubleshooting tips:

Symbol	Cause	Correction
EE0	The arm cuff inflated above 300mmHg when inflating the cuff manually	Release your finger from on/off button before the pressure reaches 300mmHg when inflating the cuff manually. Apply the cuff correctly so that it firmly wrapped around the arm.
EE1	Data Instability	Remain still and do not talk during measurement
EE2	Pressurized timeout	Apply the arm cuff correctly. Repeat measurement
EE3	Arm cuff deflates too slow	Apply the arm cuff correctly so that it is firmly wrapped around the arm. Repeat measurement
EE4	Exhaust too fast	Check the machine, apply the arm cuff correctly. Repeat measurement
EE5	Results error	Check the machine. Repeat measurement
EE6	Not find the signal	Repeat measurement. Remain still and do not talk during measurement.
EE7	Movement during measurement	Repeat measurement. Remain still and do not talk during measurement. during measurement.
Lo	The batteries are empty	Replace all Two "AAA" batteries with new one.

WARRANTY CARD

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

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

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

Address:.....

Dealer's Name:.....

Register your product to claim warranty



Dealer's Sign & Stamp

* Terms & Conditions apply

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 negligence.
- 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/2022/000615
 For any Complaint/ Suggestion please contact:
 Customercare Number: 1800 309 3009, Timing: 9am-7pm, Mon. - Sat.
 Email ID: customercare@drodin.in, Website: www.drodin.in

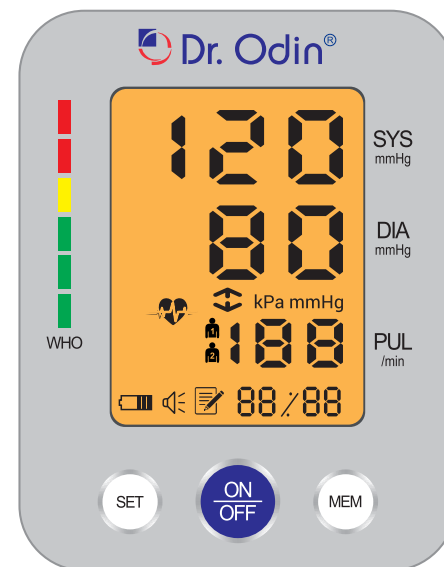
IM/OBP/70-00



Digital Blood Pressure Monitoring Device

MODEL NO. - OBP102

INSTRUCTION MANUAL



Please read instruction manual before use

Intended use of the product

Intended use: This product is suitable for the blood pressure monitor which uses oscillographic method to measure adult blood pressure non-invasive. It is used for measuring adult systolic blood pressure, diastolic blood pressure and pulse. Its value is used for diagnostic reference.

Application : Adults, not infants or newborns.

Specification:

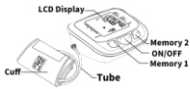
Product name	Digital Blood Pressure Monitoring Device
Model name	OBP102
Display	LCD Digital Display
Measurement Method	Oscillometric method
Inflation	Automatic inflation by internal pump
Deflation	Automatic Pressure Release valve
Rapid Air Release:	Automatic by air valve
Measurement Cuff Circumference range :	Fits arm circumferences 8.6" to 14.2" inch 220 mm to 360 mm)
Memory capacity	2 user * 120 set of measurement records
Power Source	USB 5 V DC or 2*AAA batteries
Measurement Range	0 to 290 mmHg (0-39kPa), Pulse: 40 to 180 pulse/min.
Accuracy	±3 mmHg(0.4kPa) Pulse: ±5%
Automatic Power off	Inactive after 2 minute.
Storage condition	Keep it in a cool and dry place.
Main Unit Dimension	125 mm (L) × 103mm(W) × 60mm(H)
Content	Main Unit, Cuff, 2 "AAA" batteries, Instruction Manual, Non-Woven Bag

Description of Device

The Digital blood pressure monitor is an electronic equipment used to measure the blood pressure measurement, pulse rate measurement and the result storage. Digital blood pressure device contains main unit, arm cuff, AAA batteries, instruction manual in package. The main unit consist of main board card with LCD display. The result of blood pressure in term of Systolic and diastolic pressure display over LCD after each measurement. Blood pressure measurement by the monitor are equivalent to those obtained by a trained observer using the cuff and stethoscope auscultation method.

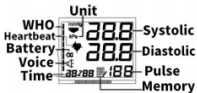
Digital Blood Pressure Monitor Component

1. Main Unit



Content : Main Unit, Cuff, 2 "AAA" batteries, Instruction Manual, Non-Woven Bag

2. LCD Display



3. Additional functional feature

Time display, Backlight, Voice indicated, Auto power-off, Memory.

How to Operate

1. Setting of time and date

- In the first time you open the monitor. It will go into the setting display ,then you press any button, the corresponding time will flickering.
- The number will increase when you press the [Mem1] button. The number will decrease 1 when you press the Mem2 button.
- Press on/off to confirm and turn to month settings.
- Repeat the above same step to set the month/day/hour /minute.
- Press on/off button to shut up the power after finishing setting. When the BP to is not turned on for first time, press the on/off button for more than 3 second to enter the setting and follow the same steps.

Note: When memory is stored , the measured date and time are stored together. Therefore, before the first measurement, the date and time need to be set correctly for the BP monitor to facilitate the comparison of blood pressure measurements.

2. Setting of Voice function:

- (1) The default setting of voice for the device is on.
- (2) Turn on and off voice: Long press on/off button to enter the setting. After setting the first time and date , press the mem1 or mem2 button to set voice on/off setting. Press on/off button until the machine shuts down and current setting will be saved.
- (3)Voice broadcast : The following situation will be indicated by voice. Measurement start, Measurement error. Measurement end , Low battery, Read memory record.

3. Setting of Memory Function :

- Store measurement record: The monitor will store up to 2 group of 120 set of measurement record (Blood pressure and pulse rate). When 120 set of measurement record are stored, the oldest record will be overwrite with recent record.
- Delete all measurement records : At the display screen, Press the MEM1 or MEM2 button at least 3 second, the stored data displaying on screen starts flickering with reading 1,2,3..., To delete all data in memory MEM1 press MEM1 for 3 second , then all data records in memory bank will be deleted successfully and same step repeated for MEM2 stored data.

4. Setting of Unit Conversion: The blood pressure monitor has two types of measuring display units as mmHg and kPa after each measurement. In non measuring state, long press on/off button for more than 3 second, after set date and time set unit conversion. Press MEM2 button to convert mmHg and kPa. Press on/off button to turn off the machine and save the setting.

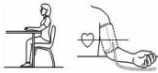
Measurement Procedure:

- 1. Position of cuff :** Be sure to wrap the arm cuff correctly so that you get accurate results. Bare your arms or wear only light clothing when measuring. Don't pull up your arm when you're wearing a sweater, take it off and measure it again. Put your left arm through the cuff loop. Position the arm correctly.



The air tube should run down the inside of your forearm and be in line with your middle finger. The bottom of the cuff should be approximately 2 to 3cm above your elbow. Apply the cuff to your upper arm. Bend the end of the arm cuff outward and tighten it, and fix it on the outside of the arm cuff with welcro . The arm cuff should not be too tight or too loose. One finger fits best.

- 2. Correct measuring position:** Sit upright with your back straight, Do not talk during the measurement Place your arm on a table so that the cuff will be at the same level as your heart.



- 3. Press the "on/off" button** to turn measurement to start and the arm cuff to inflate. Please be quiet and do not talk during the measurement.
- 4. When the measurement is complete,** the arm cuff completely deflates and your blood pressure and pulse rate are displayed the monitor automatically stores blood pressure and pulse rate reading into its memory.
- 5. Unfasten the Velcro** of the arm cuff and remove the arm cuff.
- 6. Press the on/off button** to turn the monitor off. If no operation after the measurement, it will automatically shut itself off after 2 minute.

Care while Taking Measurement:

In order to protect the blood pressure monitor from damage and get accurate reading, please be sure to follow the instructions and other correct use methods, includes required environmental and storage temperature and humidity conditions.

- 1. Do not measure** after drinking, coffee, or black tea.
- 2. Do not take measurements** after smoking, exercising bathing. Please do not speak, move your body or shake your wrist during the measurement.
- 3. Measurements** may be inaccurate or when common arrhythmias such as arterial and ventricular premature beat and arterial fibrillation occur.
- 4. Do not press the "on/off" button** when the arm cuff is not wrapped around the arm.
- 5. Do not hit or drop the body.** Do not bend the arm cuff air tube. When closing the battery cover, be careful not to clip your fingers.
- 6. The size of the arm cuff** of this device is suitable with arm circumference range of 22.0cm to 36.0 cm.

Safety Information

- This device is intended for adult use only.
- This device is intended for non-invasive measuring and monitoring of arterial blood pressure. It is not intended for use on extremities other than the wrist or for functions other than obtaining a blood pressure measurement.
- Do not confuse self-monitoring with self-diagnosis. This unit allows you to monitor your blood pressure. Do not begin or end medical treatment without asking a physician for treatment advice. If you are taking medication, consult your physician to determine the most appropriate time to measure your blood pressure.
- This product is only used for blood pressure measurement. Accidents may occur when used for purposes other than blood pressure measurement.
- Be sure to use a special arm cuff. Otherwise accurate measurements cannot be made.

