

LUMISCOPE®

Blood Pressure Monitor

Instruction Manual

Model Number 1098

ID # =

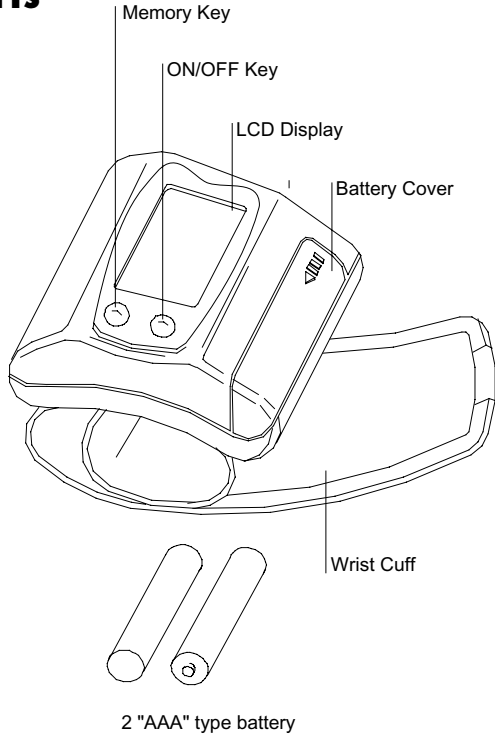
Requires 2 “AAA” Alkaline Batteries

2
YEAR LIMITED WARRANTY

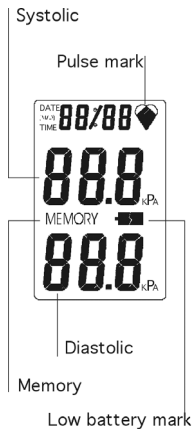
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Identification of Parts

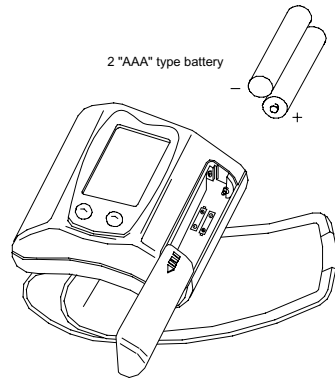


LCD Display



Battery Installation/Replacement

- To use the unit, you must install batteries.
- Open battery cover as illustrated.
Install or replace two new batteries, making sure the polarities (+ and -) on the battery match the polarities on the case.
- Replace battery cover.
- If the Low Battery indicator “” appears on the display, both batteries must be replaced.
- “AAA” alkaline batteries or equivalent are suitable for this blood pressure meter.



Attaching the Wrist Cuff and Posture During Measurement

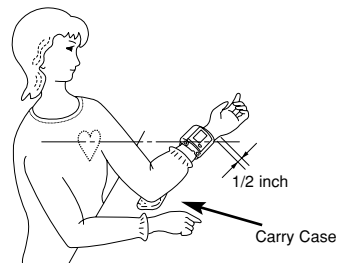
- The blood pressure is measured at the wrist. Therefore, rolling up the sleeve is no longer necessary.
- Wrap the wrist cuff around your left wrist with the display panel on the inside of the wrist.
- Pull the wrist cuff to fit wrist size and fasten velcro.

Wrist circumference: 5.4-9in.



Rest left elbow on a table so that the cuff is at heart level. Relax the lower arm across the table and remain still.

Perform measurements in either a seated or reclining posture with the left palm turned upward. The hard carry case should be used as an arm rest, with rubber grips facing down against the table.



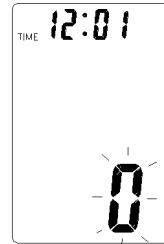
Measurement

NOTE: Unit measures on inflation.

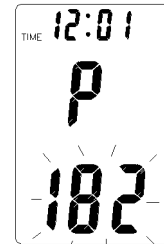
- To start the measurement
Press the “ON/OFF” switch.



- Initial display.



- Pumping.



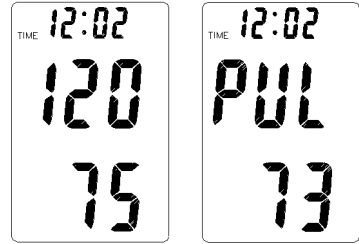
- Measuring and Beeping sounds.
- Once the blood-pressure measurement has stabilized, pressurization is discontinued and the air in the cuff is automatically let out.
- The buzzer sounds for about 2 seconds, and the high and low blood pressure are respectively displayed one above the other.



- Unless an error is generated, the measurement results are automatically stored in memory (Up to 42 sets of results can be stored). When there are already 42 sets of results in memory, the oldest one is automatically erased and overwritten with the newest.



- Blood pressure values and pulse rate are alternately displayed. The unit will continue to display the measurement until power is turned off.
- Turn Power off
Press the “ON/OFF” switch to turn off.



NOTE:

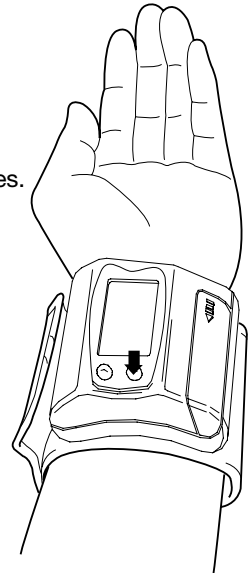
To discontinue a measurement for any reason, press the “Power/Start” switch. This causes the “wrist cuff” to rapidly deflate.

Subsequent Measurement

When a measurement needs to be made again, the time between 2 measurements must be at least 10 minutes.

Automatic Power OFF Function

If the unit is left on after measurement, an “Automatic Power OFF Function” turns the power off after approximately 3 minutes. To continue with another measurement press the “ON/OFF” switch to turn the unit on.

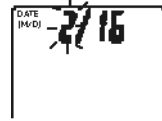


Setting the Clock

Enter the setting mode by pressing and holding the MEMORY key for over three seconds.

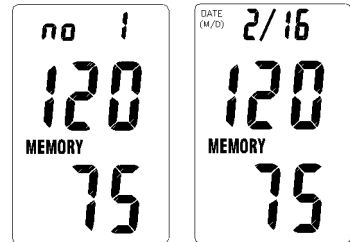
The display will show a blinking year. Press the ON/OFF key to adjust the year when it is blinking. Then press and release the MEMORY key again, the month will appear and blink again, then the date, hour and minute will follow up as you press and release the MEMORY key again.

Adjust the clock by pressing the MEMORY key to adjust the values of the month, date, hour, and minute when they are blinking.



Memory Recall

- You can recall stored data by pressing the “Memory Recall” switch at any time, EXCEPT while taking a measurement.
- Up to 42 sets of measurement results can be stored in memory. Memory cell No. 1 is always used to store the newest set of results.
- When pressing the “Memory Recall” switch, the memory cell number is displayed. The stored measurement results (systolic/diastolic blood pressure) are then displayed. The display will show the memorized pressure and pulse value switching back and forth.
- If the “Memory Recall” switch is pressed again, the prior measurements are displayed in the order they were taken.





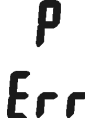


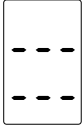
Memory Clear Function

You may erase one or all records in the memory.



- Press and release MEMORY key to choose the record that you wish to delete.
- Press and hold the ON/OFF key until the display shows dEL.
- Delete one record: Press and release the power key. After three beeps are heard, the record is completely deleted.
- Delete all records:
 1. Press and release the MEMORY key then the display shows dEL ALL.
 2. Press and release the ON/OFF key. After three beeps are heard, the unit erases all records.
 3. Remove one or both batteries while the unit is on.

Description of Display Marks

DISPLAY MARK CONDITION/CAUSE CORRECTIVE ACTION

| | | |
|--|---|--|
|  | <p>The pressure measured was less than 20 mmHg.</p> | <p>Please measure again.</p> |
|  | <p>The pressure measured was higher than 300mmHg.</p> | <p>Please measure again.</p> |
|  | <p>Pumping error.</p> | <p>Please check the cuff and try again.</p> |
|  | <p>The pumping pressure is higher than 300mmHg.</p> | <p>Please measure again.</p> |
|  or no display | <p>Batteries are weak.</p> | <p>Replace the batteries.</p> |
|  | <p>There is a problem with the device.</p> | <p>Return to Lumiscope service Department.</p> |

Specifications

| | | | |
|---------------------------|------------------------|--|-----------------|
| Model No. | | 1098 | |
| Measuring Principle | | Full Fuzzy Auto, Oscillometric Method | |
| Measurement Localization | | Left Wrist | |
| Cuff | | Soft Cuff | |
| Wrist Circumference Range | | 5.4 to 7.8 in. (13.5 to 19.5cm) | |
| Measurement Range | Pressure | 20 to 300 mmHg | |
| | Pulse | 40 to 200 Pulses/min. | |
| Accuracy | Pressure | ±3 mmHg | |
| | Pulse | ±5% of reading | |
| LCD Indication | Pressure Pulse Rate | Systolic blood pressure: 3 digits Diastolic blood pressure: 3 digits Pulse rate: 3 digits | } Alternatively |
| | Marks | Measuring  Battery  | |
| LCD | View Size | 1.44(H) x .904(W)in (36(H) x 22.6(W)mm) | |
| | Digit Size | .44(H) x .22(W)in (11(H) x 5.5(W)mm) | |
| Switch | | ON/OFF switch, Memory recall switch | |
| Inflation | | Automatic Inflation by Internal Pump | |
| Exhaust | | Deflation Valve | |
| Rated Voltage | | 3 VDC | |
| Power Source | | 2 "AAA" Size Batteries | |
| Power Consumption | | 1.0W | |
| Battery Life | | Approx. 250 measurements | |
| Automatic Power-Off | | After 2 minutes, or 30 sec. of non use | |
| Memory Function | | 42 Memories Function, plus date & time | |
| Dimension | | 80mm(W) x 80mm(D) x 30mm(H) | |
| Weight | | Approx. 130g including batteries | |
| Operating Environment | Temperature | 50 to 104°F (10 to 40°C) | |
| | Humidity | 30 to 85%RH | |
| Storage Environment | Temperature | 14 to 140°F (-10 to 50°C) | |
| | Humidity | Less than 85%RH | |

CAUTION:

1. Measurement of blood pressure may not be possible for someone with a weak pulse or cardiac arrhythmia.
2. This product is not intended to be used in the diagnosis or treatment of disease.
3. If you have high blood pressure and/or other cardiovascular conditions or diseases, this device should be used in consultation with your doctor.
4. Consult your doctor if you have questions about your blood pressure or pulse.
5. Specifications are subject to change without notice due to improvements in performance.

Two Year Limited Warranty

The Lumiscope Company, Inc., guarantees this product free from defects in material and workmanship for a period of two years from the date of purchase, except as noted below:

This Lumiscope product warranty does not cover damage caused by misuse or abuse; the attachment of any unauthorized accessory; alteration to the product; or any other conditions whatsoever that are beyond the control of the Lumiscope Company, Inc. Lumiscope shall not be responsible for any type of incidental, consequential, or special damage. All implied warranties, including, but not limited to those implied warranties of fitness and merchantability, are limited in the total duration of two years from the original date of purchase.

To obtain warranty service on your Lumiscope Blood Pressure Meter either hand deliver or mail the entire unit and your dated sales receipt (as proof of purchase), postpaid, along with a certified check or money order in the amount of \$15.00 payable to The Lumiscope Company, Inc., to cover handling.

Upon receipt Lumiscope will repair or replace, as appropriate, Blood Pressure Meter, and return to you. Warranty is solely through Lumiscope Repair Department. Service of this product by anyone other than Lumiscope Repair Department voids warranty.

In the event that Lumiscope does not abide the terms of this warranty the consumer may seek breach of contract remedies in the New York State Federal courts of law. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.



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