OMRON®

INSTRUCTION MANUAL

Printer for OMRON Blood Pressure monitors with IT function
Drucker für OMRON Blutdruckmessgeräte mit IT-Funktion
Printer voor OMRON bloeddrukmeters van OMRON met IT-functie
Imprimante pour tensiomètres OMRON à fonction IT
Stampante per misuratori di pressione OMRON con funzione IT
Impresora para los monitores OMRON de presión arterial con función IT

Intelli™ sense

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Introduction

The OMRON printer can be conected to OMRON blood pressure monitors with IT functions.

Description of the printer

Printer-Unit：

Printer Cover

Printer Cable Plug

Power/Operation Light

FEED

Paper Feed

GRAPH ALL DATA DATA/STOP

omron

Print Graph

Print Current Data/Stop Printing
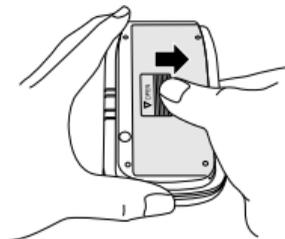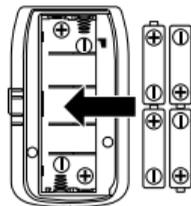
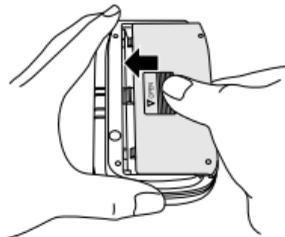Print All Data
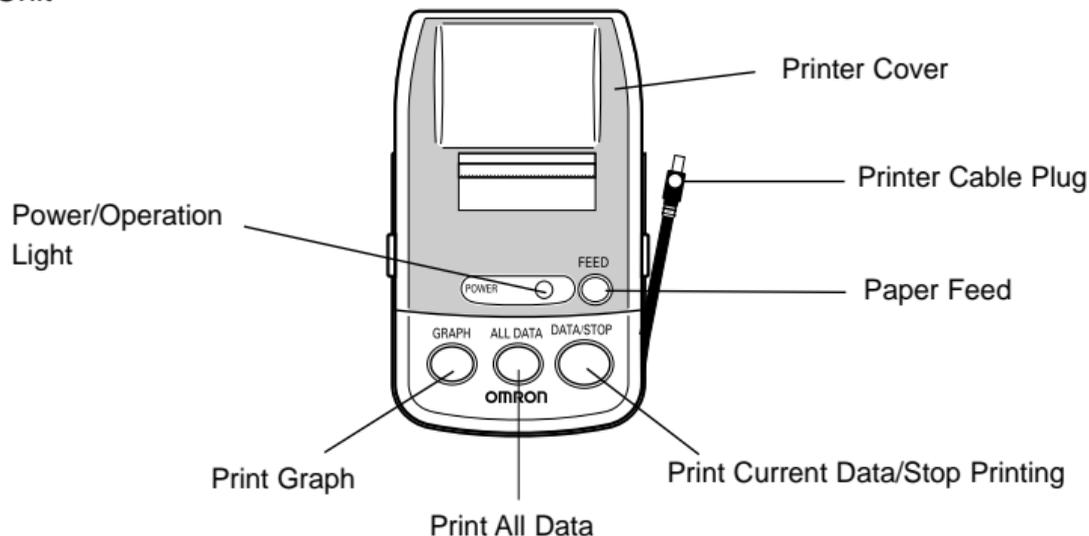
Battery installation/replacement

1. Slide the battery cover off
   in the direction of the arrow.

2. Install or replace 4 "AA" size batteries so the + (positive) and – (negative)
   polarities match the polarities of the battery compartment
   as indicated.

3. Replace the battery cover.
   Remove the batteries if the monitor will not be used for
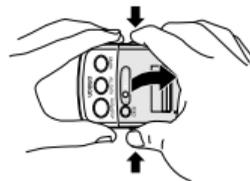   an extended period of time.

How to connect the printer unit

1. Remove printer cable plug from the printer unit.

2. Connect printer cable plug cord to the main unit. The circle on the cable plug should face up.

How to load printer paper

1. Open printer cover in the direction indicated by the arrow symbol and remove paper roll from the main unit.

How to load printer paper

2. Peel of the glued edge of the printing paper included with the
   unit, and cut the first 10 cm (4 inch) with a pair of scissors.

3. Press the FEED button while inserting the edge of the printing
   paper into the paper feeding slot. When the edge of the paper
   protrudes sufficiently, release the FEED button.

4. Close the plastic printer cover. Make certain that the paper
   sticks out from the top when the cover is replaced.

5. Thermal sensitive paper is supplied with the unit. Use only ther-
   mal paper of similar size (width approx. 38mm) and roll diameter
   (not to exceed approx. 26mm)! These rolls of paper can be
   ordered from OMRON. Printer paper can be ordered by your
   OMRON shop or distributor.

How to use the printer-unit

OMRON IT blood pressure monitors have the ability to print all the readings stored in memory.

NOTE:
- Make sure printer-unit is connected to main unit (see How to Connect Printer-Unit)
- Do not use printer-unit without loading printer paper (see How to Load Printer Paper). Improper use will decrease operation life cycle of printer-unit.
- Main unit does NOT have to be ON to operate printer-unit.
- Printer-unit will automatically shut OFF when printing is completed.
- If you need to stop printing during printing process, press "DATA/STOP" button.

1. Press "DATA/STOP" to print measurement of most recent reading.

   The numeric print-out will look like the following example:

Month/Date ——	7/9	6:36 AM	—— Time
Systolic Reading ——	SYS	111mmHg	
Diastolic Reading ——	DIA	67mmHg	
Pulse Reading ——	PULSE	77/min	

2. Press "ALL DATA" button to print a numerical list and average of all stored readings (maximum depending on your blood pressure monitor).

How to use the printer-unit

The numerical print-out will list all stored readings starting with the most recent reading to last stored reading:

Systolic Reading Column

Diastolic Reading Column

Pulse Reading Column

Month(s) ———

Date ———

Time/Hour ———

3-6	mmHg		/min
D. T.	SYS	DIA	PUL
20 15	113	75	67
23 11	117	69	64
1 15	113	71	63
3 14	110	67	66
5 7	112	66	64
15 7	110	61	64
20 12	106	66	65
3 12	110	65	64
10 12	108	61	67
12 14	111	56	62
14 7	107	64	64
21 15	111	64	64
22 12	121	62	66
4 6	112	64	63
*AV.	112	65	65

Oldest reading

Most recent reading

Average of all stored readings

How to use the printer-unit

- **Month(s)**
  The month or months will be printed.
  Example: If the blood pressure reading was stored between months March-June, then the printout will indicate "3-6".

- **Date**
  Only the day's date (1-31) will be printed.
  Example: If the blood pressure reading was stored on June 1st, then the printout will indicate 1 under the "D" column.
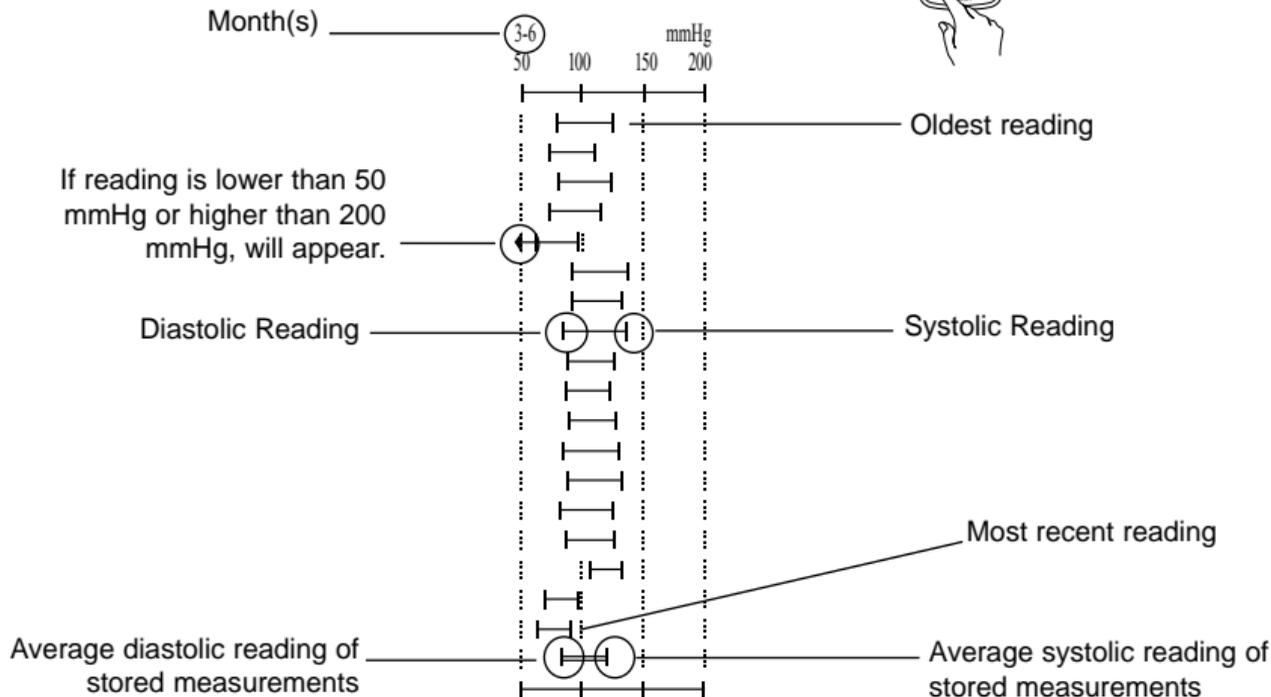
- **Time/Hour**
  Only the hour (in military time) will be printed.
  Example: if the blood pressure reading was stored at 3:00 PM, then the printout will indicate 15 under the "T" column.

  Note: If Time and Date was not initially set up before taking blood pressure measurement (see How to Set Time and Date) on printer-unit, the numerical value will not appear on print-out for month, time/hour and date.)

How to use the printer-unit

3. Press "GRAPH" button to print a graph of all stored readings

Month(s)

3-6

mmHg
50 100 150 200

Oldest reading

If reading is lower than 50 mmHg or higher than 200 mmHg, will appear.

Diastolic Reading

Systolic Reading

Most recent reading

Average diastolic reading of stored measurements

Average systolic reading of stored measurements

Troubleshooting

Error Indicator	Cause	Correction
Nothing is printed	Printer cable plug is not connected properly or damaged	Connect correctly reference p.10 Contact your OMRON distributor.
	Batteries are worn	Replace with new batteries
	No readings stored	Take measurement then print
	Printer paper is not installed correctly	Install correctly
Power/Operation light is blinking, stopped printing	Batteries are worn	Replace with new batteries
No printer paper comes out	No printer paper installed Printer paper jammed Ran out of printer paper	Take paper jammed from the printer and install again Purchase new printer paper

Specifications

PRINTER UNIT:

Power Source:	4 "AA" batteries
Battery Life:	Approximately 300 uses
Paper Usage:	Approximately 200 uses for 1 roll
(Printer) Weight:	Approximately 6 oz. (170 g) (not including batteries)
(Printer) Dimensions:	Approximately 4 $\frac{4}{5}$" (l) x 2 $\frac{4}{5}$" (w) x 2" (h) (123 mm x 72 mm x 50 mm)

NOTE: These specifications are subject to change without notice.

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