

OMRON

PROFESSIONAL
**BLOOD PRESSURE
MONITOR**

HBP-1120



**CLINICALLY
PROVEN ACCURACY**

**PROVIDES FAST AND
RELIABLE RESULTS**

All for Healthcare

EASY-TO-USE

automatic blood pressure monitor intended for use by medical professionals

- No pain in the hands and ears from repetitive use
- Reduce individual difference in measurement method
- No risk of mercury leakage

*Designed for use in
doctor's office
and medical*



EASY-TO-USE

Designed for routine blood pressure measurements on your patients.

COMPACT DESIGN

SIMPLE OPERATION

Large start button with 2 other buttons for auscultation and power on/off. The device realizes simple and enhanced usability at the same time.

BATTERY OR AC OPERATION

The device can operate using 4 'AA' batteries or AC power.

EASY MAINTENANCE

The device and cuffs can be cleaned easily with a soft cloth moistened with alcohol.



use in clinics,
ce, hospitals
ical facilities



USER-FRIENDLY FUNCTIONALITY

DUAL MEASUREMENT MODE

Users can choose from two measurement modes-oscillometric measurement and auscultation () method with the latter using stethoscope.

ZERO INDICATOR FUNCTION

Provides medical professional the added assurance of the device's pressure accuracy. The indicator lights when 'zero calibration' is being performed prior to blood pressure measurement. The device displays "OK" sign when it is ready for measurement.

MOTION STOP FUNCTION

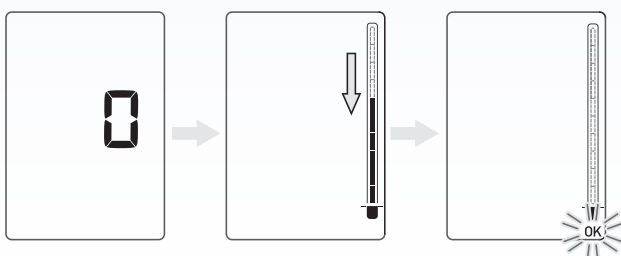
When body movement is detected, the device stops deflation for 5 seconds.

IRREGULAR PULSE INDICATOR

Helps identify changes in heart rate, rhythm, or pulse which may be caused by heart disease or other serious health issues. The icon is also displayed when body movement is detected during measurement.

5 CUFF SIZES AVAILABLE FOR MEASUREMENT

The unit can be used on pediatrics of age 3 years and above. Cuff sizes available for use on different arm circumference:
XL: 42-50cm, L: 32-42cm, M: 22-32cm, S:17-22cm, SS:12-18cm



SPECIFICATIONS

Main unit

Product description	OMRON Professional Blood Pressure Monitor
Model	HBP-1120
	NIBP, PR
Dimension	Main unit: 130 × 175 × 120 (mm) 5.12 × 6.89 × 4.72 (inch) (W×H×D) AC adapter: 55 × 25 × 70 (mm) 2.17 × 0.98 × 2.76 (inch) (W×H×D)
Weight	Main unit: Approx. 510 g (not including accessories) AC adapter: Approx. 42 g
Display	7 segment LCD
Protection Class	Class II (AC adapter) Internal powered equipment (when operating with battery only)
Degree of Protection	Type BF (Applied part): Cuff
Operation Mode	Continuous operation
MDD Classification	Class II a

Power supply

AC adapter	Input voltage range: AC 100 V to 240 V
	Frequency: 50/60 Hz
	Output voltage range: DC 6 V ±0.5 V
	Rated Output Current: 0.7 A

Environmental Conditions

Operating Conditions	Temperature range: 5 to 40°C (41 to 104°F)
	Humidity range: 15 to 85%RH (not condensed)
	Atmospheric pressure: 700 to 1060hPa
Storage and	Temperature range: -20 to 60°C (-4 to 140°F)
	Humidity range: 10 to 95%RH (not condensed)
	Atmospheric pressure: 500 to 1060hPa

Non-Invasive Blood Pressure (NIBP)

	Oscillometric
	Dynamic Linear Deflation method
Pressure display range	0 to 300 mmHg
Pressure display accuracy	Within ±3 mmHg
NIBP	SYS 60 to 250 mmHg DIA 40 to 200 mmHg PULSE 40 to 200 /min
NIBP accuracy*	Maximum mean error within ±5 mmHg Maximum standard deviation within 8 mmHg
Pulse rate accuracy	Within ±5 % of reading
Reference Standard:	EN1060-1:1995+A2:2009 EN1060-3:1997+A2:2009 EN80601-2-30:2010+A1:2015 EN ISO 81060-2:2014

* Comparison with auscultation method performed by a trained professional.
DIA determined by the auscultation method is "K5".

INTENDED USE

MEDICAL PURPOSE

HBP-1120 is intended for use in measuring blood pressure and pulse rate in adult and pediatric population with arm circumference ranging from 12 to 50 cm (5 to 20 inches).

INTENDED USER

Medical professional

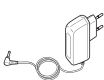
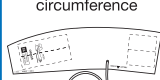
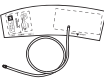
PATIENT POPULATION

HBP-1120 is intended for use on adults and children age 3 years and above.

MEASUREMENT PARAMETER

- Non-Invasive Blood Pressure
- Pulse rate

OPTIONAL ACCESSORIES

 AC adapter HHP-CM01 (4601197-4)	 GS CUFF2 XL HXA-GCFXL-PBAP (4601213-0)	 GS CUFF2 L HXA-GCFL-PBAP (4601209-1)
 GS CUFF2 M HXA-GCFM-PBAP (4601210-5)	 GS CUFF2 S HXA-GCFS-PBAP (4601211-3)	 GS CUFF2 SS HXA-GCFSS-PBAP (4601212-1)

STANDARD PACKAGE CONTENTS:

Main unit HBP-1120, GS Cuff2 M, AC adaptor, Instruction Manual

SELECTING THE CUFF

Measure the circumference of the patient's arm and select the cuff size that is appropriate for the circumference.

It is important to use the correct sized cuff for a patient in order to get an accurate reading.

Select the cuff that is suitable for the patient from the cuffs below.

Cuff Name	Arm Circumference (cm)	Arm Circumference (inch)
GS CUFF XL*	42 - 50	17 - 20
GS CUFF L*	32 - 42	13 - 17
GS CUFF M	22 - 32	9 - 13
GS CUFF S*	17 - 22	7 - 9
GS CUFF SS*	12 - 18	5 - 7

*Available as an optional accessory.