

OMRON

HBP-1100 PROFESSIONAL BLOOD PRESSURE MONITOR  
DESIGNED AND ENGINEERED  
FOR PROFESSIONALS



All for Healthcare

PRO

# OMRON



## EASY TO READ ANGLED DISPLAY

The screen is optimally angled for use on the consultation desk and displays the reading with large numbers in order to ensure maximum visibility for medical professionals.

## VERY EASY OPERATION

The user interface is kept simple for frequent use in a clinical setting. A reading can be taken by pushing the start/stop button. Auscultation mode can be activated by a dedicated mode button.



**HBP-1100**

## CLINICALLY PROVEN ACCURACY

Omron's blood pressure monitors are highly trusted for their accuracy and user-friendliness. Accepted and appreciated by medical institutions around the world, Omron leads the blood pressure monitor market. Our monitors pass the extremely strict standards for accuracy set by international medical societies, and over 150 million units have been sold worldwide.

The HBP-1100 is specially designed for use in professional settings and is clinically proven to produce fast and reliable results all day, every day.

CLINICALLY  
VALIDATED



## DUAL MEASUREMENT MODE

Depending on preference or situation fully automatic oscillometric measurement or manual auscultation mode (using a stethoscope, such as patients with (AF) Atrial Fibrillation) can be chosen.

## ZERO INDICATOR FUNCTION

The Zero Indicator shows that the device is reset to zero pressure level and is ready for the next measurement, ensuring accurate results.



## HIGHLY DURABLE

Equipped with a highly durable pump, robust sensor and professional grade metal cuff connector, the device is durable enough to survive daily intensive use in hospitals and medical facilities.



## EASY TO CLEAN

The monitor and the cuffs can be disinfected with alcohol based cleaning agents.

## WIDE RANGE OF CUFFS

Accuracy of all blood pressure monitors and patient comfort is dependent on using the correct cuff size for the patient. That's why the monitor is compatible with a series of specially designed wipe-clean cuffs ranging from SS (12-18cm) to XL (42-50cm).

- **SS** • 12-18 cm
- **S** • 17-22 cm
- **M** • 22-32 cm
- **L** • 32-42 cm
- **XL** • 42-50 cm



**PRO**



## IN THE BOX

- MONITOR
- AC ADAPTER
- MEDIUM CUFF 22-32 CM
- INSTRUCTION MANUAL
- GUARANTEE CARD

## TECHNICAL SPECIFICATIONS

**Display:** LCD

**Safety Standards:** EN 60601-1:1990+ A1:1993+ A2:1995

**Protection class:** Class II (AC adapter), internally powered equipment (when operating with battery only)

**Degree of Protection:** Type BF

**MDD Classification:** Class II a

**AC adapter Input Voltage Range:** AC 100V to 240 V; 50/60 Hz

**Output Voltage Range:** DC 6 V +/- 5%; 0.5 A

**Measurement Technology:** Oscillometric and Auscultatory

**Measurement Method:** Dynamic Linear Deflation method

**Pressure Display Range:** 0 to 300 mmHg

**Pressure Accuracy:** Within +/- 3 mmHg

**NIBP Measurement Range:** SYS 60 to 250 mmHg,  
DIA 40 to 200 mmHg, Pulse rate 40 to 200 /min

**NIBP Accuracy\*:** Maximum mean error within +/- 5mmHg,  
Maximum standard deviation within +/- 8mmHg

**Pulse Rate Accuracy:** Within +/- 5% of reading

**Reference Standard:** EN1060-1:1995+A2:2009  
EN1060-3:1997+A2:2009 ISO81060-1:2007

**Warranty:** 3 Years

DIA determined by the auscultation method is "K5".

\* Comparison with auscultation method performed by a trained professional.

CE certification: CE0197

## OPTIONAL ACCESSORIES



**AC ADAPTER**  
Adapter S



**XLARGE CUFF 42-50cm**  
HXA-GCUFF-XLLB



**LARGE CUFF 32-42cm**  
HXA-GCUFF-LLB



**MEDIUM CUFF 22-32cm**  
HXA-GCUFF-MLB



**SMALL CUFF 17-22cm**  
HXA-GCUFF-SLB



**XSMALL CUFF 12-18cm**  
HXA-GCUFF-SSLB

**HBP-1100**