



### Features

- It measures photo plethysmographically pulsatile blood pressure of tail arteries.
- The items measured are Heart Rate (HR), Systolic Blood Pressure (SBP), Mean Blood Pressure (MBP) and Diastolic Blood Pressure (DBP, calculated values). They are displayed on LCD.
- Heart rate (HR) is determined by converting the time to count 10 pulses.
- SBP is initially estimated roughly by inflating the cuff at approximately 25 mmHg/sec.
- During cuff deflation at about 5 mmHg/sec, SBP is determined precisely. SBP is determined as the cuff pressure when pulse reappears.
- Cuff pressure can be elevated up to 400 mmHg so that even SHRSP can be measured.
- Continuous measurement can be performed up to six (6) times.
- The animal holder is made of dark brown acryl, allowing BP measurement under relatively stress-free conditions.
- PMB-1030 Preheat & Measuring Box is included in the standard system.
- The RS-232C interface is provided on the rear panel. Using the optional DCS-1030 Data Collection Software (Windows Version) the data obtained can be exported to a personal computer and stored as a CSV file.
- The apparatus is so compact (A4 size) that the user may carry it from room to room.
- Operation is very simple

### Specification

Model	MK-1030
Power	AC110-120V 50/60Hz
Dimensions	320W x 250D x 80mmH
Weight	Approx. 5 kg
Heating Method	Electric Heater
Material	Internal: SS External: PCV
Sensor	Thermistor
Display	LCD
Main Unit (MK-1030)	1
PMB-1030 Preheat & Measuring Box	1
Animal Holder (any one from the list)	1
Cuff-Pulse Sensor (any one from the list)	1