

# New Product Introduction

Model: WH 7

*Prepared by:*

*Dec.20th, 2010*

# Automatic Upper Arm Blood Pressure Monitor



**Model: WH 7**

**Available in the Market:**

***Dec., 2008***

# Market Positioning

Model : WH7



**Extra Large LCD**



**Temperature Display**



**High End Market**



**For Office & Home**

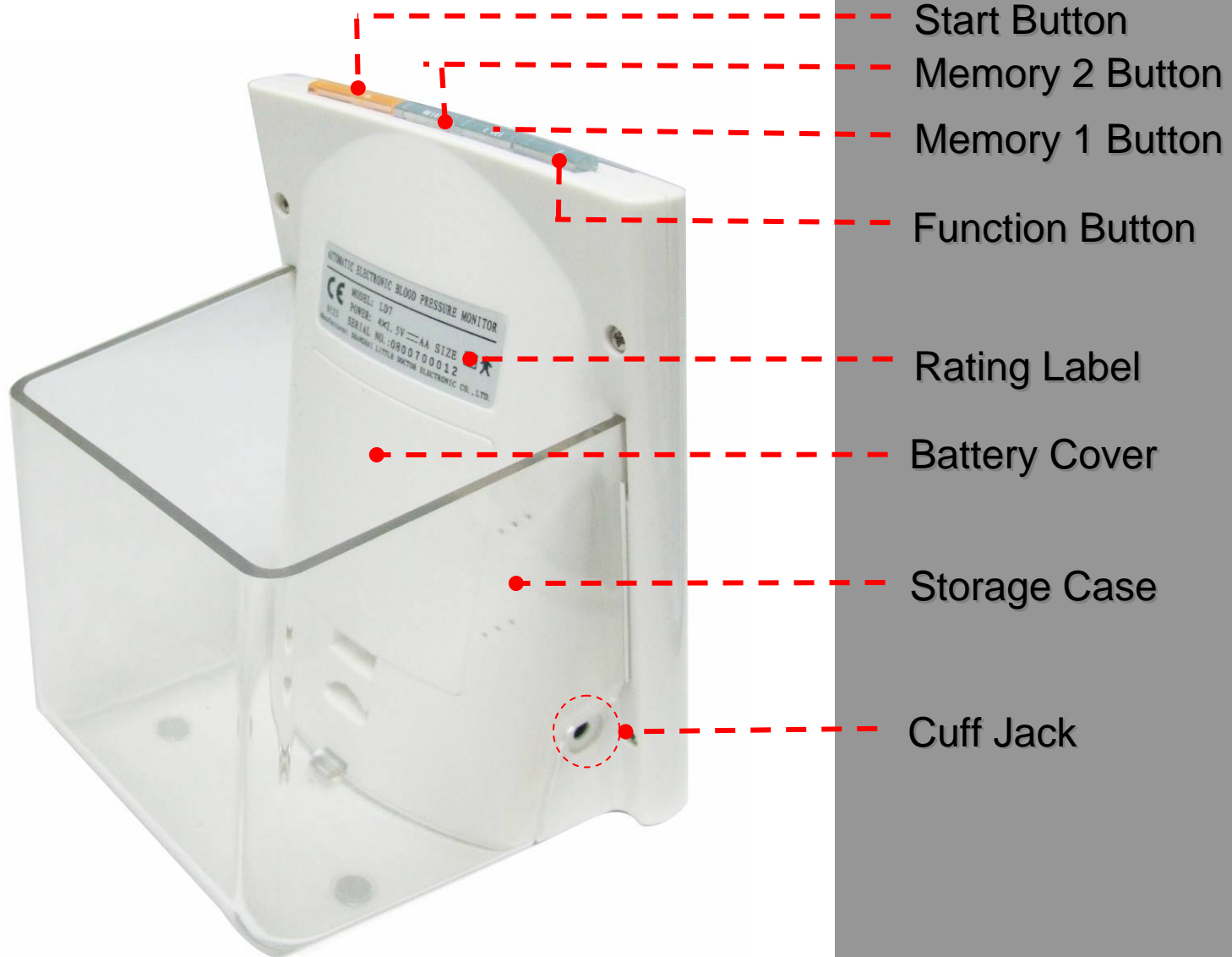
# Main Components

Model: WH7



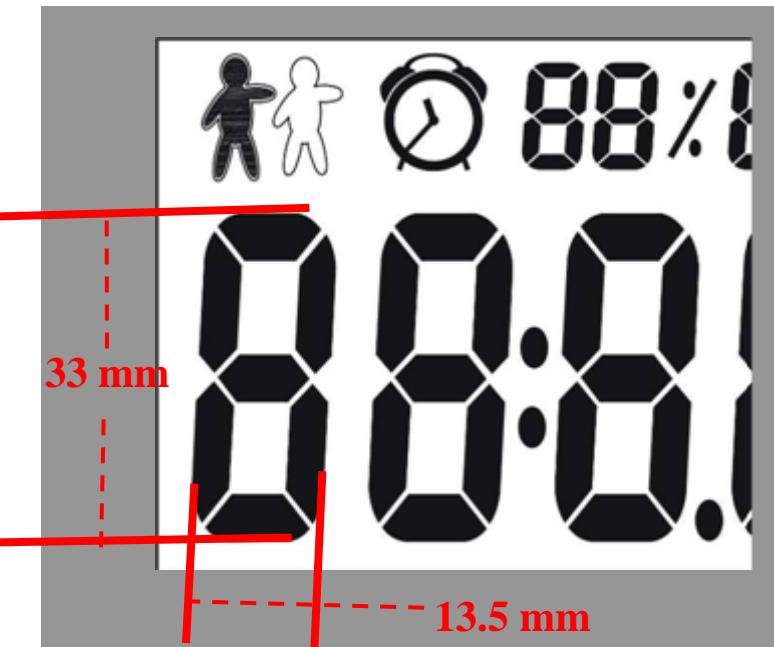
# Main Components

Model: WH7



# Key Features

Model: WH7



Extra large LCD and readings display, it is more convenient to be used by old people and weak visual people

LCD Size: 115 (L) x 79.3 (W) mm

## Extra Large LCD



# Key Features

**Model: WH7**

Unique temperature display, to help users manage their blood pressure better.

Ambient temperature displays when stand by. The °C mode display in the LCD when using in first time

## Temperature Display



***When under the mode of function reset, if without any operation in 1 minute, the device will automatically return to standby mode***

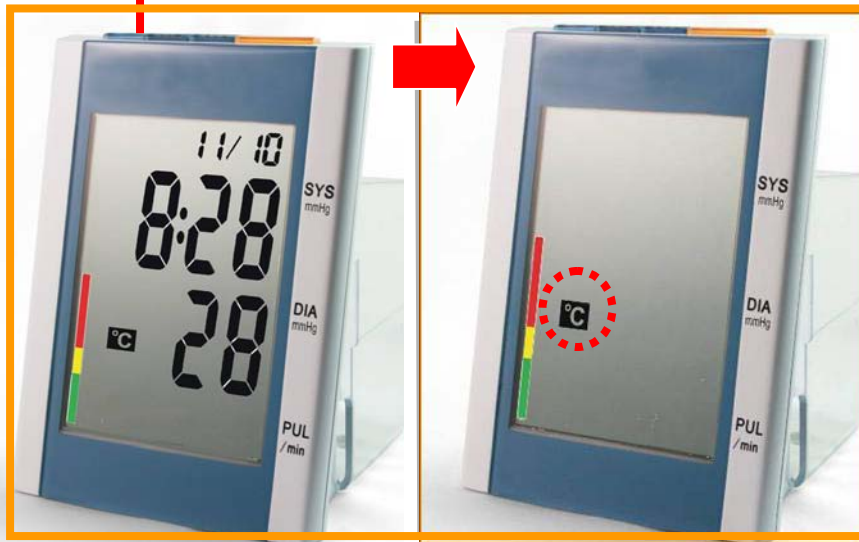


# Key Features

Model: WH7

## Temperature Adjustable

Press button 'F'



Press button 'F' five times continuously to enter into temperature adjustment mode, then the '°C' indication flashes in the LCD

Press button 'M1'



Press button 'M1' to turn into '°F' mode, then '°F' indication flashes in the LCD

Press button 'START'



Press button 'START' for confirmation

Press button 'M2' from °F mode to °C mode



# Key Features

Model: WH7

## Date/Time Setting

Press button 'F' to enter into Date/Time mode on sleeping mode

Button 'M1' Button 'M2'

Button START



Press button "F" the year number will flash

Press 'M1'/'M2' to subtract/add the number

Press button 'START' for confirmation

After year number is confirmed, month \ date and time will flash sequentially, just set them same as year setting.

Date/Time function records exactly when the user take the measurement so as for a better diagnosis

# Key Features

**Model: WH7**

## Alarm Clock Setting

The monitor has 3 reminder alarms, You can set 3 different reminder alarms within a 24-hour period. The reminder alarm in closing mode when used in first time. Press button "F" for 2、3 & 4 times to enter into alarm clock 01、02 & 03 mode sequentially, set them by same ways. When the reminder alarms, please press button 'START' to shut off



When the device stands by, press button 'F' for 2 times to enter into the alarm 01 clock mode, the Icon '— — — —',



Press 'M1'/'M2' '00: 00' indication and hour number flashes



Press button 'M1'/'M2' again to subtract/add the number



Press button 'START' for confirmation. After hour number is confirmed, minute number will flash, just sent it same as hour setting.

Reminding users measurement and dosing on schedule

# Key Features

**Model: WH7**

## Alarm Clock Clearance

Press button 'M1'



When the device stands by, press button 'F' for 2 times to enter into the alarm 01 clock mode, hold button 'M1' for 5 sec, the alarm 01 will be cleared.

Press button 'F' for 3 and 4 times to enter into the alarm 02 and 03 clock mode, same as the procedure of alarm 01 to clear alarm 02 ,03

It will be displayed alarm clock indication in the LCD if you start-up the function

# Key Features

Model: WH7

## Memory Function

Press button 'M1'



'&' flash

Recorded in 'M1'

Press button 'M2'



'&' flash

Recorded in 'M2'

When the measurement is finished, ' & ' will flash on the LCD to remind the user to record the memory. Just press 'M1' or 'M2' button to record the memory. If you don't press any button, or just push 'START' button, the memory won't be recorded.

# Key Features

Model: WH7

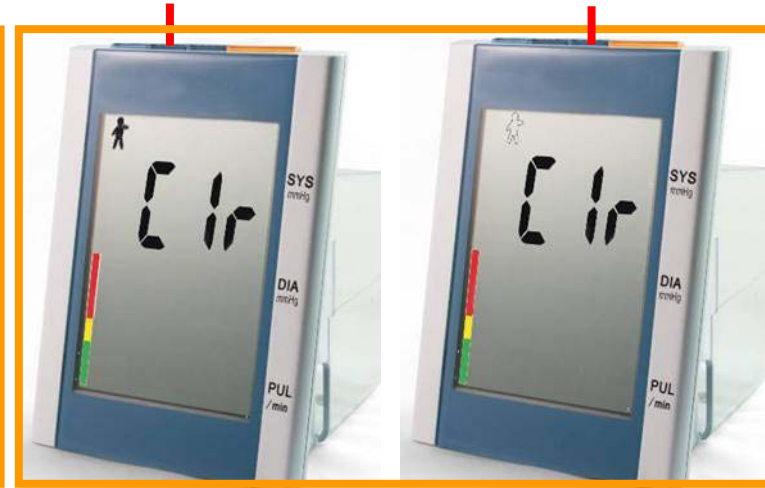
## Memory Function

Press button 'M1'/'M2'



Hold button  
'M1' for 5 sec.

Hold button  
'M2' for 5 sec.



Press 'M1'/'M2' button to recall memory. The average value for the latest three readings show first. Press continuously then single measurement shows sequentially

To clear 'M1'/'M2' memories, just push button 'M1' or 'M2' for 5 sec.

## Memory Recall

## Memory Clearance



# Key Features

**Model: WH7**

The monitor provides a blood pressure and pulse rate measurement even when an irregular heartbeat occurs.

**Note 1:** It is important that you be relaxed, remain still and do not talk during measurement.

**Note 2:** We recommend contacting your physician if you see this 'IHB' indicator frequently.

## IHB Detector

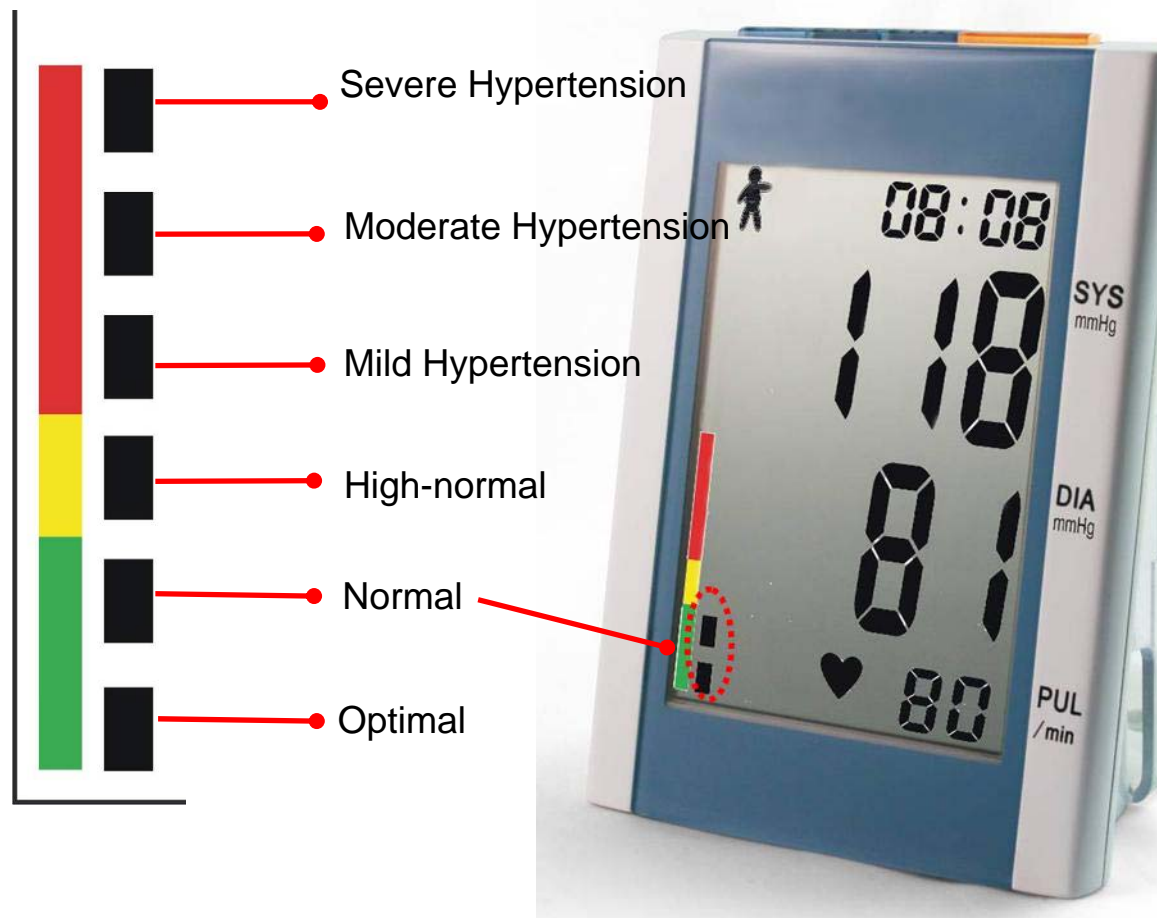


# Key Features

Model: WH7

## WHO Indication

### WHO Blood Pressure Indication



Grade	Sys.	Dia.
Optimal	<120mmHg	<80mmHg
Normal	120~129mmHg	80~84mmHg
High-normal	130~139mmHg	85~89mmHg
Mild Hypertension	140~159mmHg	90~99mmHg
Moderate Hypertension	160~179mmHg	100~109mmHg
Severe Hypertension	≥180mmHg	≥110mmHg

Note: If the systolic blood pressure and diastolic blood pressure fall into different categories, the higher value should be taken for classification.



# Key Features

**Model: WH7**

## Battery Installation



1. Open the battery cover
2. Open the button battery cover
3. Install one 'CR2025' button battery into the button battery compartment
4. Close the button battery compartment cover
5. Install four 'AA' type batteries into the battery compartment
6. Close the battery compartment cover



Inbuilt button battery for keeping the date/time uninterrupted when change the batteries (4xAA batteries)

# Key Features

**Model: WH7**

## Storage Case Assembly

1. Three hooks of storage case aim at the concaves of monitor respectively
2. Push the storage case in the up arrow direction
3. Plug the cushion and press



# Key Features

**Model: WH7**

Both Adaptor and Cuff can be put in the storage case



## Detailed Design



Arc buckle design makes the battery cover opened easily

# Key Features

Model: WH7



## Low Battery Indication



If the low battery indication '🔋' displays in LCD, it reminds the user will change all the new batteries but can be used currently.

If the low battery indication '🔋' displays and the buzzer beeps, it indicates that the user need change all the batteries at once.



# Detailed Specs

**Model: WH7**



<b>Measuring Method</b>	Oscillometry
<b>Measuring Range</b>	40 to 260 mmHg (blood pressure)
	40 to 160 beats/minute (pulse rate)
<b>Measuring Accuracy</b>	$\pm 3$ mmHg for systolic and diastolic pressure
	$\pm 5\%$ of the reading for the pulse rate
<b>Inflation</b>	Automatic
<b>Rapid Deflation</b>	Electromagnetic valve
<b>Power Source</b>	4 “AA” $\times$ 1.5V or AC Adapter
<b>Memory</b>	2 x60 sets of memories
<b>Operation Temperature and Humidity</b>	+ 10°C to + 40°C, 85% and below
<b>Storage Temperature and Humidity</b>	-20°C to + 50°C, 85% and below
<b>Cuff Size</b>	Applicable for arm size 22 cm-32 cm
<b>Monitor Size</b>	158mm(L)*120mm(W)*127mm(H)
<b>Weight</b>	Approximately 490g without batteries

# Accessories

**Model: WH7**



**Storage Case**



**Arm Cuff  
(22-32cm)**



**High Quality Adapter  
(Optional)**

# Quality Assurance

Model: WH7

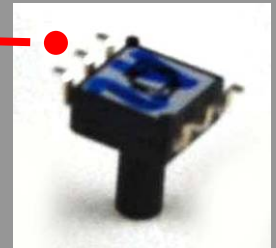
## Semiconductor Sensor Used



Capacitance sensor  
by some famous manufacturers



Semiconductor sensor  
by our company



The semiconductor sensor ensures stable performance against ambient temperature and humidity fluctuation



# Quality Assurance

Model: WH7



CE 0123

The quality system passed ISO 13485:2003 and the product passed CE0123.

More than 8000 subjects are tested carefully during debugging the core algorithm.

**We claim 2 YEARS WARRANTY**  
**since the date of purchase**