

Declaration of the differences conformity Of Blood Plessure Monitor

(M501A,M502A, M502D)

This document is hereby to declare:

The series models are the same in terms of circuit design, components and internal wiring, but differ only in model names, buttons, backlight colors and Bluetooth functions The structural composition and electrical principle of models such as M501A,M502A,M502D are exactly the same (refers to Annex "Differences of Product model table" (Table 1)). Unless otherwise specified, all tests are conducted on the main model M502D, which may represent other models.

The series models(M501A,M502A,M502D) share identical same circuit design, components, and internal wiring, differing only in model name, buttons, backlight color(which do not affect the basic function).The structural composition and electrical principles of these models are identical the same M501A has 2 buttons,M502A and M502D have 4 buttons, M501A is No-backlight,M502A is single-backlight,M502D is tricolor-backlight,M501A,M502A and M502D have bluetooth function.This device is intended for use on adults only,It can be used at home or in medical facilities.

All series of mainframes are grey and white, and the cuffs are all black.

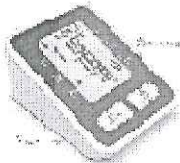
Intended Use:The Eletronic Blood Pressure Monitor is intended to measure the systolic and diastolic blood pressure as well as the pulse rate of adult person via non-invasive oscillometric technique in which an inflatable CUFF is wrapped around the upper arm.It can be used at home or in medical facilities.

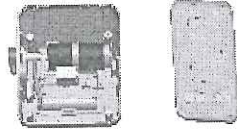
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Date: *2026.1.8*

Annex:Differences of Product model table (Table 1)

Model	M501A	M502A	M502D	Difference analysis
Product Picture				Different number of buttons 1. M501A has 2 buttons 2. M502A, and M502D have 4 buttons
Operating Principle	The oscillometric method measures blood pressure values based on the relationship between pulse wave amplitude and cuff pressure.	The oscillometric method measures blood pressure values based on the relationship between pulse wave amplitude and cuff pressure.	The oscillometric method measures blood pressure values based on the relationship between pulse wave amplitude and cuff pressure.	Same
Dimension	134.5*102.5*67.3mm	134.5*102.5*67.3mm	134.5*102.5*67.3mm	Same
Construction	Air pump, deflation valve, constant-speed deflation valve, air tube, LCD display, PCBA, speaker, plastic casing, 4*AAA dry batteries, cuff	Air pump, deflation valve, constant-speed deflation valve, air tube, LCD display screen, PCBA, speaker, plastic casing, 4*AAA dry batteries, cuff, monochrome backlight panel	Air pump, deflation valve, constant-speed deflation valve, air tube, LCD display screen, PCBA, speaker, plastic casing, 4*AAA dry batteries, cuff, tricolor backlight panel	Keys, different backlight panels 1. M501A, no backlight panel, 2 function keys 2. M502A, single-color backlight panel, 4 function keys

				3. M502D, three-color backlight panel, 4 function keys
Power	Dry battery power supply d.c.6V or external input d.c.5V	Dry battery power supply d.c.6V or external input d.c.5V	Dry battery power supply d.c.6V or external input d.c.5V	Same
External Interface	Micro USB	Micro USB	Micro USB	Same
Circuit Configuration	Main control and pressure measurement circuit . Micro USB external power supply interface. Two buttons.Bluetooth module	Main control and pressure measurement circuit .Micro USB external power supply interface. Four buttons .Single back photic driving . Bluetooth module	Main control and pressure measurement circuit. Micro USB external power supply interface. Four buttons.Tricolor backlight Photic driving. Bluetooth module included	Same
Enclosure Material	Shell: Plastic ABS Lens: PC Armband: PVC tube, 210D inner lining, loop side of hook-and-loop fastener, hook side of nylon fastener, circular metal buckle	Shell: Plastic ABS Lens: PC Armband: PVC tube, 210D inner lining, loop side of hook-and-loop fastener, hook side of nylon fastener, circular metal buckle	Shell: Plastic ABS Lens: PC Armband: PVC tube, 210D inner lining, loop side of hook-and-loop fastener, hook side of nylon fastener, circular metal buckle	Same

Key Components	PCB,Pressure sensor	PCB,Pressure sensor	PCB,Pressure sensor	Same
Button Operation	Memory key.,Start key	Memory key ,Setting key ,User #1 key,User #2 key	Memory key ,Setting key ,User #1 key,User #2 key	Different number of buttons 1. M501A: 2 buttons. 2. M502A, M502D: 4,buttons
Software	M501 V1.0 Version	M501 V1.0 Version	M501 V1.0 Version	Same
Function Description	1. Pressure measurement range: 0 ~ 279 mmHg 2. Pulse measurement range: 40 ~ 199 beats per minute 3. Pressure measurement error: ± 3 mmHg 4. Pulse measurement error: $\pm 5\%$	1. Pressure measurement range: 0 ~ 279 mmHg 2. Pulse measurement range: 40 ~ 199 beats per minute 3. Pressure measurement error: ± 3 mmHg 4. Pulse measurement error: $\pm 5\%$	1. Pressure measurement range: 0 ~ 279 mmHg 2. Pulse measurement range: 40 ~ 199 beats per minute 3. Pressure measurement error: ± 3 mmHg 4. Pulse measurement error: $\pm 5\%$	Same
Wireless Transmission Function	Bluetooth transmission	Bluetooth transmission	Bluetooth transmission	Same