## Owner's Manual

Wrist-type Fully Automatic Blood Pressure Monitor Model BP2116



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# drive

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- health professional who is familiar with your medical history.

  Contact your physicain fest results regularly indicate.

  S. Hyou are taking medication, consult with your physician to
  determine the most appropriate into the measure your blood
  pressure. NEVER change a prescribed medication without first
  consulting with your physician.

  I. Individuals with serious circulation problems may experience
  discounding. Ossilval your physician to toue.

  Sometime of the property of the

## Safety Notice

People suffering from arrhythmias such as atrial or ventrice premature beats or atrial fibrillation only use this blood pre-monitor in consultation with your doctor. In certain cases oscillometric measurement method can produce incorrect

- monitor is consultation with your doctor. In certain cases oscillonatric neasurement method an produce incorrect readings.

  1. Too frequent measurements can cause injury to the patient due to make the control of the

# Quick Start Œ Unit Operation 12 Battery Installation (See Figure D) Press " ( "butt Slide battery cover off as indicated by Install 2 new AAA alkaline batteries a

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Note:

1) Replace batteries when Low Battery Indicator \* 💢 \* appears on screen.

2) Batteries should be removed from device when not in operation for an extended period of time.

# Unit Operation



# Unit Operation

Save Settings
While in any setting mode, press "  $\bigcirc$  " button about 3 set turn the unit off. All information will be saved.

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Note: Unit will automatically save all information and shut off if left it for 3 minutes.

# Unit Operation

Applying The Wrist Monitor

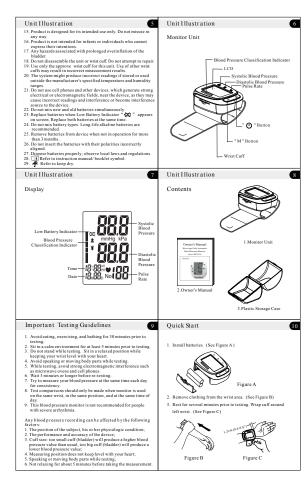
Do not apply over clothing. If wearing a long sleeved shirt, be sure to roll sleeve back to forearm.

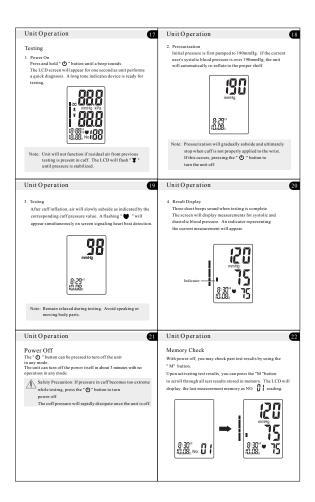


# Unit Operation

Do not stand while testing. Sit in a comfortable position and







# Unit Operation

Memory Deletion Memory may be deleted while in Memory Check mode. Press and hold the "O" button for approximately 3 seconds to delete all memory records. The monitor will beep indicating successful deletion and the transfer into testing mode. Then press the "O" button to turn the unit off.



Unit Operation

throughout this process

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Low Battery Indicator 4 short warning beeps sound when battery life is depleting and 

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Note: Memory cannot be recovered once it has been deleted.

### Unit Operation

### Troubleshooting

Problem	Possible Cause	Solution
Blood pressure results are not within typical range	Cuff is too tight or not properly positioned on the wirst	Firmly reposition cuff on wrist making sure no wiggle is present. ( See Page 15)
	Inaccurate test results due to body movement or monitor movement	Sit in a relaxed position placing wrist level with heart. Avoid speaking or moving body parts while testing. (See Page 8)
- Err - displayed	Cuff fails to inflate properly	Make sure hose is properly fastened to cuff and monitor unit
	Improper operation	Read user manual carefully and re-test properly.
	Pressurization is over 300mmHg	Read user manual carefully and re-test properly

### Blood Pressure Information

### Blood Pressure

Blood Pressure is the force of blood pushing against the walls of arteries. It is typically measured in millimeters of mecany (mmllg.) Systolis blood pressure is the maximum force exert against blood vessule scach time the heart beats. Diastolic blood pressure is the force exerted on blood vessels when the heart is resting between beats.

heart is resting between beats.

An individual's Mood pressure frequently changes throughout the course of a day. Excitement and tension can cause blood pressure frequently deniring alcohol and bathing can lower blood pressure. Certain hormones like adrenaline (which your body releases under stress) can cause blood vessels to constrict, leading to a rise in blood pressure.

If these measuring numbers become too high, it means the heart is working harder than it should.



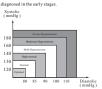
## Blood Pressure Information

### Health Reminder

Hypertension is a dangerous disease that can affect the quality of life. It can lead to a lot of problems including heart failure, kidney failure, and cerebral hemorrhaging. By maintaining a healthy lifestyle and visiting your physician on a regular basis, hypertension and relative diseases are much easier to control when diagnosed in the early stages.

Systolic

Systolic



### 27 Blood Pressure Information

Note: Do not be alarmed if an abnormal reading A better indication of an individual's blood pressure occurs after 2-3 readings are taken at the same time each day over an extended period of time. Consult your physician if test results remain abnormal.

Product Description	Wrist-type Fully Automatic Blood Pressure Monitor		
Model	BP-2116		
Display	LCD Digital Display Size:45mmx30mm		
Measurement Method	Oscillometric Method		
Measurement Range	Pressure	0mmHg ~ 300mmHg	
	Pulse	30 to 180 Beats/Minute	
Measurement Accuracy	Pressure	$\pm$ 3mmHg or $\pm$ 2% of the reading above 200 mmHg	
	Pulse	±5%	
Pressurization	Automatic Pressurization		
Memory	120 Memories with Date and Time		

# Specifications

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Power Source	2 Alkaline Batteries Size AAA		
Battery Life	Approximately 2 months at 3 tests per day		
Unit Weight	Approx. 228g (8 oz.)( Excluding Battery)		
Unit Dimensions	Approx. 79 x 66 x 28mm		
Cuff Circumference	Approx.75 (W)×300(L) mm Fits wrist circumference 13.5-21.5 cm(5.3"-8.5")		
Operating Environment	Temperature	10℃ ~40℃ (50⊠ ~104⊠ )	
	Humidity	15% ~ 90% RH	
Storage Environment	Temperature	-20℃~55℃ (-4⊠ ~131⊠ )	
	Humidity	15% ~ 90% RH	
Classification	Internal Powered Equipment, Type BF		

Specifications are subject to change without notice.

Specifications.

International Standards:

AAMI /ANSI SP10-2002/R) 2008 & 2002/A1-2003/R) 2008 & 2002/A1-2003/R) 2008 & 2002/A2-2006/R) 2008 & 2002/A2-2006/R) 2008 & 2002/A2-2006/R) 2008 & 2002/A2-2006/R) 2008 & 2002/A1-2008 & 2002

EN 6060-1.1 Medical electrical equipment part 1: General requirements for aftery EN 6060-1-2 Medical electrical equipment part 1: General requirements for aftery EN 6060-1-2 Medical electrical equipment part 1:2- General requirements for aftery Collateral standard. Electromagnetic compatibility-Requirements and tests EN 1060-1 Non-invasive sphygmomanometers - General requirements and tests EN 1060-3 Non-invasive sphygmomanometers - Supplementary EN 1060-3 Non-invasive sphygmomanometers - Supplementary EN 1060-4 Non-invasive sphygmomanometers - Test procedures to determine the overall system accuracy of automated non-invasive sphygmomanometers.

# Specifications

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)



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## Warranty

The Blood Pressure Mentive has been extellal remarkated and imported and as warmed to be feet from defectives in workmaship and materials. Under this warment, Drive Medical's obligation stall be intuited to the reglection of regain of any sed units which prove, by Drive Medical's impection, to be defective within two years from the original purchase that. This warman's is not transferrable or assignable to any subsequent purchaser or womer. Any abuse, operation other than the intended use of this product as ordiner in the nameal, regularence, accident, or repairs by passence ofthe than 2 Drive Medical Authorized Service Professional, shall sumendately of this warranty.

Drive Medical will not accept damages or charges for labor, parts, or expenses incurred in making field repairs.

The foregoing warranty is exclusive and in lieu of all other expressed warranties. Implied warranties, if any, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, shall not extend beyond the duration of the express warranty provided herein. In no event shall Drive Medical or its subsidiaries by liable for loss of use or profit or other collateral, special or consequential damages.

### Blood Pressure Q & A

- Q: What is the difference between measuring blood pressure at
- home or at a professional healthcare clinic?

  A: Blood pressure readings taken at home are now seen to give a more accurate account as they better reflect your daily life. Readings can be elevated when taken in a clinical or medical environment. This is known as White Coat Hypertension and may be caused by feeling a
- Improper cuff placement
   Make sure cuff is snug-not too tight or too loose.
- Improper body position
   Make sure to keep your body in an upright position.
   Feeling anxious or nervous
- Take 2-3 deep breaths, wait a few minutes and resume

### 29 Blood Pressure Q & A

- What causes different readings?

  Blood pressure varies throughout the course of a day. Many factors including diet, stress, culf placement, etc. may affec an individual's blood pressure.

  Should Japply the culf to the left or right wrist? What is the difference?

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- difference?

  A: Either wrist can be used when testing, however, when comparing results, the same wrist should be used.

  Testing on your left wrist may provide more accurate results as it is located closer to your heart.

  Q: What is the best time of day for testing?
- A: Morning time or any time you feel relaxed and stress free

### Maintenance









### Maintenance





### Maintenance

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- nded the performance should be checked every
- Expected service life: Approximately three years at 10 tests per day.