



**ONE-TOUCH WIRELESS HEALTH TRACKER**

# **BODY LIFE TRACKER**

## **User Manual**

**Model: VA06**

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# Legal

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# B.O.L.T VA06 User Manual

**Model VA06 – NIBP Monitor (Systole Diastole Pulse Rate), Infrared Ear Thermometer (Temperature), Pulse Oximeter (SpO2 & Pulse Rate), Gluchobin (Blood Glucose, Blood Cholesterol & Blood Hemoglobin Levels)**

Thank you very much for purchasing B.O.L.T the One -Touch Wireless Health Tracker. Please read this User Manual thoroughly to ensure safe and correct use of the product. Please keep this User Manual for future reference.



B.O.L.T is a medical gadget with NiBP (Non-invasive Blood Pressure), SpO2 (Pulse Oximeter) Infrared Thermometer (IRT) and Gluchobin (Invasive) combined into a small form factor device which gets controlled from a mobile device. B.O.L.T is a cloud enabled solution. With B.O.L.T your health vitals can be stored in your personal health cloud. For B.O.L.T to be in your hands, all you need is any leading mobile device that operates with the compatible Operating System.

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## Safety Measures

### Warning

- If you encounter any problem while taking blood pressure measurement, such as inflation does not stop or air leakage in the cuff, remove the cuff or pull out the air tube from the base unit.
- Do not wrap BP cuff over the arm where an intravenous injection or transfusion is being given to the patient.
- Do not operate the gadget in places where inflammable gas, such as highly inflammable anesthetic, may be generated or in a high-pressure oxygen room or in an oxygen tent.
- Keep the gadget away from infants, small children or anyone who are incapable of using the gadget in the correct manner.
- Please do not use the same cuff for patients who are highly infectious as this practice may cause cross-infection.
- Make sure the ear canal is clean for before performing temperature measurement.
- Use dust cover for Ear Thermometer during the temperature measurement.
- Place the finger inside the SpO2 probe properly during the Blood oxygen level measurement.
- Lancet needle, Glucose strips, Hemoglobin strips, and Cholesterol strips are meant for single user / Single use only.
- Lancet is to be used only on the tip of finger and not anywhere else.
- Do not set the pricking lancet at a higher penetration depth unless it is necessary for a thicker skin.

### Caution

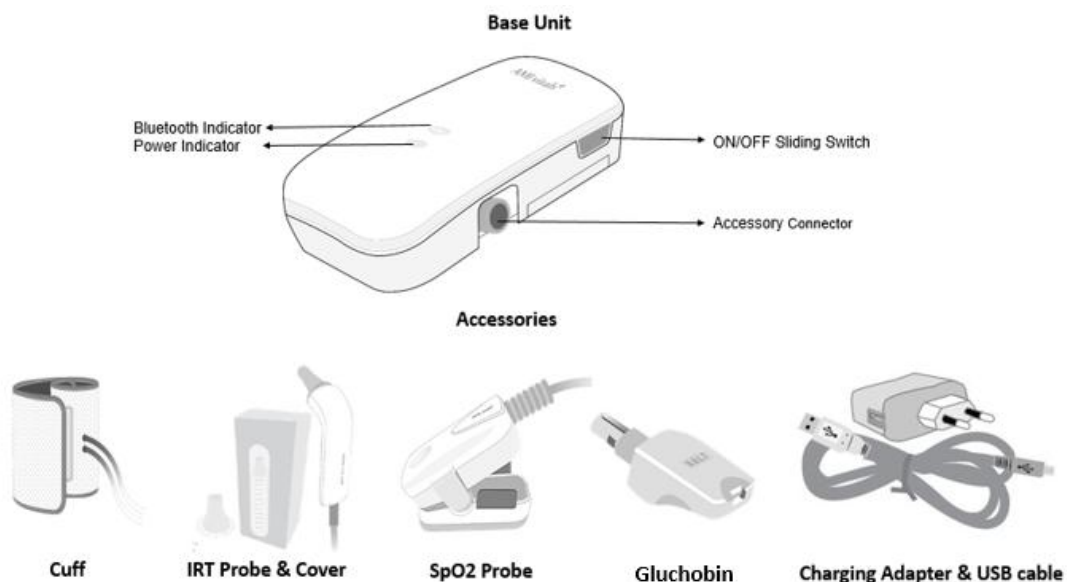
- Do not use the gadget while moving in a vehicle as this may result in erroneous readings.
- Do not use any other branded cuffs as this may result in reading errors.
- Do not use unauthorized parts and accessories.
- Do not store or use this gadget in locations which are maintained above the specified temperature and humidity ranges.
- Finger nail polish or false fingernails may cause inaccurate SpO2 readings.
- SpO2 measurements may be adversely affected in the presence of high ambient light.
- Dispose the used lancet pin and cotton in an appropriate container.
- Use only American Megatrends India Specified batteries and charging devices.

## Care and Maintenance

- Store the gadget and the components in a clean and safe location.
- Changes or modifications not approved by the manufacturer will void the user warranty.
- Keep the accessories and gadget away from rain, sweat and water.
- Do not disassemble, repair or modify the gadget and the components by yourself, hence this could void the user's authority to operate the device.
- Clean the rubber touching the finger inside the SpO2 probe gently by a soft cloth dampened with 70% isopropyl alcohol before measurement.
- Store the test strips at room temperature between 2°C to 32°C(36°F to 90°F).
- Do not refrigerate or freeze the test strips.
- Keep the test strips slot of the Gluchobin device free from dust.
- After pulling out the test strip from its container, seal the cap of the container tightly to protect test strips.

## Know Your Unit

The base unit has an elegant look and feel with two LED indicators, an accessory connector and a power ON/OFF sliding switch as shown below. Accessories like cuff, IR Ear Thermometer with cover, SpO2 probe, Gluchobin and USB cable with power adapter are provided along with the base unit.



## Features of the Product

- Elegant design enables simple and easy use of the product.
- Multiple Platform Support and same application for multiple users.
- Secured Cloud application to share and manage trends with health data.
- Monitor and share your health trends with doctor and loved ones.
- Safe and convenient to use.

## Intended use

### B.O.L.T (VA06)

It is used to measure the vital signs like Blood Pressure, Body temperature, Blood oxygen saturation level & Blood glucose, hemoglobin, cholesterol levels. The B.O.L.T device is controlled from a mobile device.

## Prerequisites

Some basic requirements must be adopted as mentioned below to ensure better operation of the product.

- B.O.L.T is designed to be operated with applications like Android, iOS or Windows.
- The Android OS version of the using computer/mobile device should be 4.0 or higher.
- The iOS version of the using computer/mobile device should be 7 or higher.
- The Windows OS version of the using computer/mobile device should be 8 or higher.

## Using B.O.L.T Application

### Downloading and Installing B.O.L.T application in your computer/mobile device

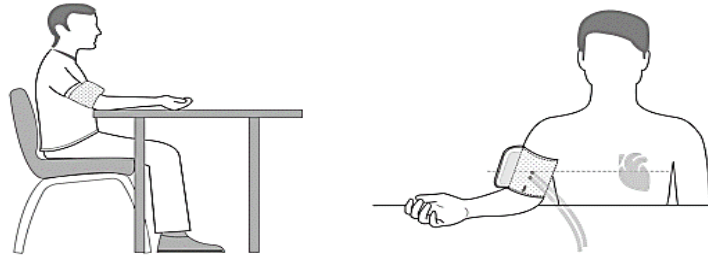
1. Download and Install B.O.L.T application from the Play store/Application store/Windows application market.
2. On successful installation, launch the B.O.L.T application in the mobile device.
3. Create a User Name with your Email ID or use Facebook/Google+ Credentials for login.
4. On successful Login, provide permission for cloud service by enabling the **Save in cloud option** and enter near and dear details under settings panel at left top corner of the home view.

*Note: You can also login as a guest user while internet unavailability which might not store the measured vital parameters in the cloud storage space on the measured parameters.*

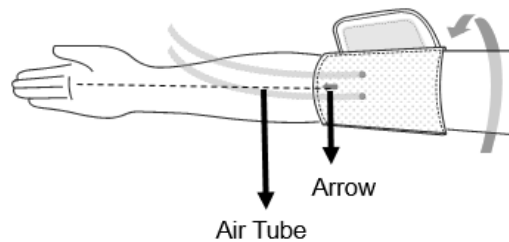
## Blood Pressure Measurement Procedures

### Mandatory instructions to be followed during blood pressure measurement

- Relax yourself in a comfortable position.
- Avoid eating, exercising and smoking for 30 minutes before taking a measurement.
- Avoid taking measurements during stressful times.
- Remove tight-fitting clothing from the right upper arm.
- Sit in a chair with your feet flat on the floor and place the right arm on a table as shown below.



- Apply the cuff to the right upper arm so that the cuff is wrapped at the same level of your heart.
- Ensure that the arrow present in the BP cuff points towards the artery along the middle finger of the right hand as shown below.

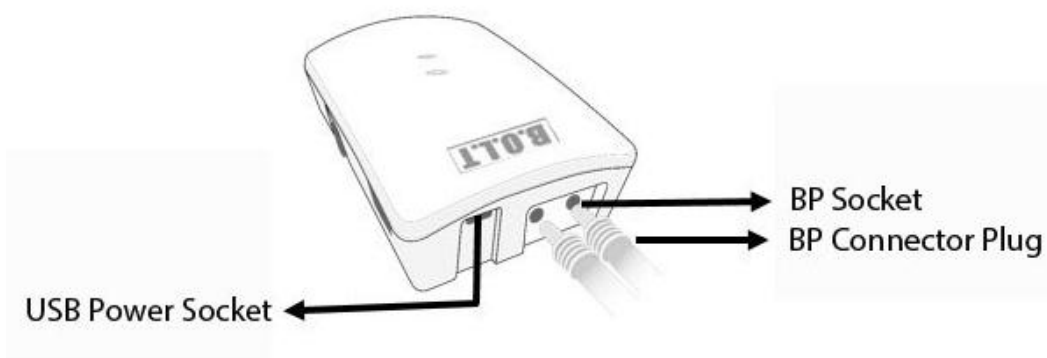


- Stay calm without shaking the hand during the measurement.

## Blood Pressure measurement with B.O.L.T

B.O.L.T enables connecting an air hose through which the blood pressure is monitored.

### Connecting air hose with the gadget and launching B.O.L.T application



1. Insert the BP connector plug into the BP socket firmly as shown above.
2. Switch ON the gadget using the ON/OFF sliding switch.
3. Enable Bluetooth and Internet Connectivity in the computer/mobile device.
4. Launch the B.O.L.T application in the computer/mobile device.
5. Login with the User Name and Password which is used for the registration.



## Measuring BP with B.O.L.T

1. On successful login of the B.O.L.T application, Select “**How is my health**” option to perform **Master Health checkup** or select “**Check Vitals**” option to perform **individual test**.
2. Confirm the Bluetooth device to turn-on.
3. Select the B.O.L.T device from the list of available Bluetooth devices and confirm.
4. Provide default password (**1234/0000**) for pairing your B.O.L.T device with mobile device on your first time usage (only for android).
5. Wrap the cuff around the upper arm of the right hand above the elbow.
6. Ensure that the arrow in the BP cuff points the artery along the middle finger of the right hand as discussed earlier in the Blood Pressure measurement procedure section.
7. Start the Blood Pressure measurement using the application screen.
8. Ensure that the person remains stable until the application displays the results.
9. On successful measurement, the Blood Pressure and Pulse rate are displayed and a copy of reading will be mailed to your Near & Dear mail IDs on saving the data.
10. Multiple readings can be taken with atleast 1 minute interval by selecting the auto-reading option.

*Note: On Successful pairing of the mobile device, Bluetooth light stops blinking in the gadget. Ensure that the save option is enabled for storing the data in cloud.*

## Blood Pressure Classification for Adults

The World Health Organization (WHO) has created the following classification for assessing high blood pressure (Hypertension). Please note that this table can give only a generic view as other factors such as diabetes, obesity and smoking, also need to be considered for understanding the different ranges. Consult with your physician for accurate assessment.

<b>Blood Pressure Classification</b>	<b>Systole</b>	<b>Diastole</b>
Low	<110	<75
<b>Normal</b>	<b>110-120</b>	<b>75-80</b>
Pre-Hypertension (mild)	120-139	80-89
Stage 1 Hypertension (high)	140-159	90-99
Stage 2 Hypertension (severe)	>159	>99

## Blood Oxygen Level Measurement Procedures

### Mandatory instructions to be followed during blood oxygen level measurement

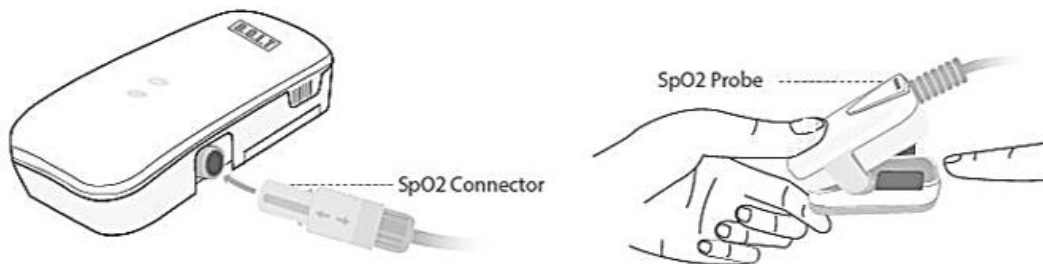
- Relax yourself in a comfortable position.
- Remain stable during the measurement.
- Place the finger properly inside the SpO2 probe.
- Clean the surface of the fingertip before the measurement.

### Blood Oxygen Level measurement with B.O.L.T

B.O.L.T enables connecting a SpO2 probe through which the blood oxygen level is measured.

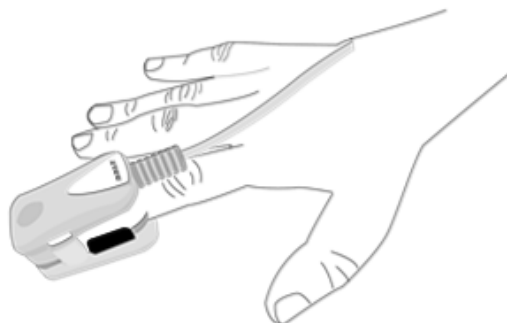
### Connecting SpO2 probe with the gadget

Insert the SpO2 connector into the socket firmly as shown below.



**Note:** Ensure to clean your hands before taking SpO2 measurement. Some SpO2 reading fluctuation may be occurred of below 85% for certain ethnicity group.

If the SpO2 values are deviated below 70% or above 100%, ensure that the user positions his finger properly as shown below.



### Measuring Blood Oxygen Level with B.O.L.T

1. Clean the rubber pad of the SpO2 probe touching the finger gently by a soft cloth dampened with 70% isopropyl alcohol and let air dry or use soft dry cloth to clean before measurement.

2. Clean your hands with hand wash before the measurement.
3. Select “**Check Vitals**” option to perform **individual test**.
4. Clip the SpO2 probe in the index finger of the person to be measured in right/left hand as displayed above.
5. Select the Blood Oxygen option from the application screen.
6. On successful measurement, the SpO2 value and Pulse rate are displayed and a copy of reading will be mailed to your Near & Dear mail IDs on saving the data.

### Blood Oxygen Level Classification

Please note that this table can give only a generic view. Consult with your physician for accurate assessment.

SpO2 Classification	Range
Hypoxemia (low)	< 95 %
<b>Normal</b>	<b>95-100 %</b>

## Temperature Measurement Procedures

d

### Mandatory instructions to be followed during temperature measurement

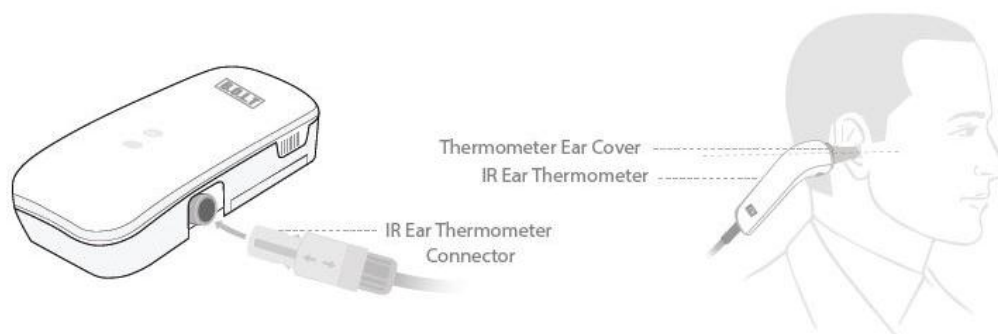
- Relax yourself in a comfortable position.
- Use new dust cover for each measurement.
- Place the Ear Thermometer firmly into the ear canal for accurate measurement.
- Remain stable during the measurement.
- Wait until the application displays the measured temperature.

### Body Temperature measurement with B.O.L.T

B.O.L.T enables connecting an IR Ear Thermometer through which the temperature is measured.

### Connecting IR Ear Thermometer with the gadget

Insert the IR Ear Thermometer connector into the socket firmly as shown below.



## Measuring Body Temperature with B.O.L.T

1. Select “**Check Vitals**” option to perform **individual test**.
2. Use dust cover over the tip of the Ear Thermometer.
3. Place the Ear Thermometer inside the ear horizontally as such the pointer maintains horizontal position as displayed above.
4. Select the Body temperature option from the application screen.
5. On successful measurement, the temperature value is displayed and a copy of the reading will be mailed to your Near & Dear mail IDs on saving the data.

## Temperature Classification

Please note that this table can give only a generic view. Consult with your physician for accurate assessment.

<b>Temperature Classification</b>	<b>Range</b>
Hypothermia	<36.3 °C (< 97.5 °F)
<b>Normal</b>	<b>36.4 – 37.5 °C (97.6- 99.5 °F)</b>
Hyperthermia	>37.5.°C (>99.5 °F)

# Blood Glucose Level Measurement Procedures

## Mandatory instructions to be followed during the measurement

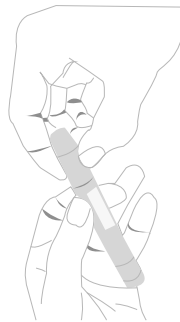
- Relax yourself in a comfortable position.

## Blood Glucose level measurement with B.O.L.T

B.O.L.T enables connecting a Gluchobin through which the glucose test strip are inserted for measurement.

## Using Lancet pen and Lancet

1. Unscrew and remove the lancet pen `s adjustable tip as shown below.



2. Insert a lancet into the carrier as shown below.



3. Twist off the protective cover.



4. Replace the adjustable tip tightly. Choose a desired skin penetration depth by rotating the top portion of the adjustable tip until the setting number lines up to the arrow.
5. Settings are based on skin type:  
*Depth 1-2 for soft or thin skin*  
*Depth 3 for average skin*  
*Depth 4-5 for thick or calloused skin*
6. Hold the tip of the lancet pen with one hand and pull the sliding barrel with the other hand. When a click is felt, the trigger rises up. Release the sliding barrel, it will move back to its original position.

### Connecting Gluchobin with the gadget

7. Insert the Gluchobin connector into the socket firmly as shown below.

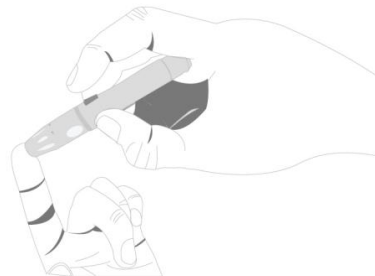


#### Gluchobin connected to B.O.L.T Device

8. Select Gluchobin and choose the “**Glucose**” option from the application screen of the mobile device.
9. Insert the blood glucose test strip into the test strip slot of the Gluchobin as shown below.



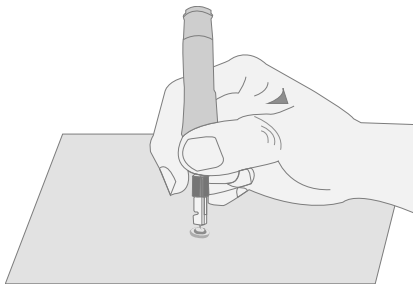
10. Click “Start” in the application screen of the mobile device.
11. Clean your finger with alcohol swap and let it dry completely.
12. Place the lancet pen on side of your fingertip.



13. Press the trigger on the lancet pen as shown above.
14. Get a drop of blood and place the blood drop on the test strip target area.



15. On successful test completion, the test result will be displayed in 6 or 7 second on the application screen.
16. Wipe any excess blood on the finger with the cotton and dispose it properly.
17. Choose the options “before meal” or “just after meal” or “3 hours after meal” as per the status of the user in the application screen.
18. Pull the test strip out of the Gluchobin.
19. Unscrew the adjustable tip of the lancet pen.
20. Place the protective cover of the lancet back on the lancet as shown below.



21. Discard the used lancet in an appropriate container.
22. Screw the adjustable tip back on the lancet pen.

**Note:** *Ensure that the test strip gets enough blood. Else try to use a new test strip to do the test again.*

*To avoid accidental injury, always remove the used lancet immediately after each test.*

## Blood Glucose Level Classification

Blood Glucose Classification	Before Meal	3 Hours after meal
Normal	70-100	70-140
Pre-Diabetic	101-125	141-200
Diabetic	126 & above	200 & above

# Blood Hemoglobin Level Measurement Procedures

## Mandatory instructions to be followed during the measurement

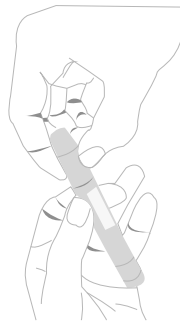
- Relax yourself in a comfortable position.

## Blood Hemoglobin level measurement with B.O.L.T

B.O.L.T enables connecting a Gluchobin through which the hemoglobin test strip are inserted for measurement.

## Using Lancet pen and Lancet

1. Unscrew and remove the lancet pen's adjustable tip as shown below.



2. Insert a lancet into the carrier as shown below.



3. Twist off the protective cover.



4. Replace the adjustable tip tightly. Choose a desired skin penetration depth by rotating the top portion of the adjustable tip until the setting number lines up to the arrow.
5. Settings are based on skin type:  
*Depth 1-2 for soft or thin skin*



*Depth 3 for average skin*

*Depth 4-5 for thick or calloused skin*

6. Hold the tip of the lancet pen with one hand and pull the sliding barrel with the other hand. When a click is felt, the trigger rises up. Release the sliding barrel, it will move back to its original position.

### Connecting Gluchobin with the gadget

7. Insert the Gluchobin connector into the socket firmly as shown below.

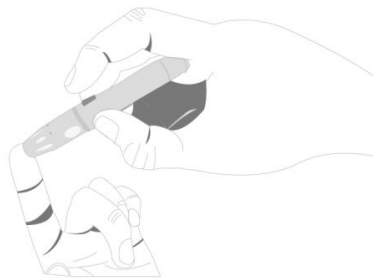


Gluchobin connected to B.O.L.T Device

8. Select Gluchobin and choose the “**Hemoglobin**” option from the application screen of the mobile device.
9. Insert the hemoglobin test strip into the test strip slot of the Gluchobin as shown below.



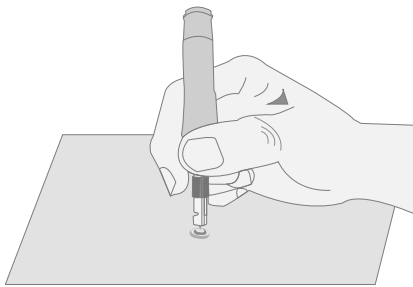
10. Click “Start” in the application screen of the mobile device.
11. Clean your finger with alcohol swap and let it dry completely.
12. Place the lancet pen on side of your fingertip.



13. Press the trigger on the lancet pen as shown above.
14. Get a drop of blood and place the blood drop on the test strip target area.



15. On successful test completion, the test result will be displayed in few seconds on the application screen.
16. Wipe any excess blood on the finger with the cotton and dispose it properly.
17. Pull the test strip out of the Gluchobin.
18. Unscrew the adjustable tip of the lancet pen.
19. Place the protective cover of the lancet back on the lancet as shown below.



20. Discard the used lancet in an appropriate container.
21. Screw the adjustable tip back on the lancet pen.

**Note:** *Ensure that the test strip gets enough blood. Else try to use a new test strip to do the test again.*

*To avoid accidental injury, always remove the used lancet immediately after each test.*

## Blood Hemoglobin Level Classification

Population	Non – Anemic g/dl	Mild g/dl	Moderate g/dl	Severe g/dl
Children 6 - 59 months of age	>11.0	10.0 – 10.9	7.0 – 9.9	< 7.0
Children 5 - 11 years of age	>11.5	11.0 – 11.4	8.0 – 10.9	< 8.0
Children 12 - 14 years of age	>12.0	11.0 – 11.9	8.0 – 10.9	< 8.0
Non-pregnant women	>12.0	11.0 – 11.9	8.0 – 10.9	< 8.0
Pregnant women	>11.0	10.0 – 10.9	7.0 – 9.9	< 7.0
Men (15 years of age and above)	>13.0	11.0 – 12.9	8.0 – 10.9	< 8.0

# Blood Cholesterol Level Measurement Procedures

## Mandatory instructions to be followed during the measurement

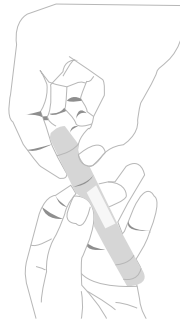
- Relax yourself in a comfortable position.

## Blood Cholesterol level measurement with B.O.L.T

B.O.L.T enables connecting a Gluchobin through which the cholesterol test strip are inserted for measurement.

## Using Lancet pen and Lancet

1. Unscrew and remove the lancet pen's adjustable tip as shown below.



2. Insert a lancet into the carrier as shown below.



3. Twist off the protective cover.



4. Replace the adjustable tip tightly. Choose a desired skin penetration depth by rotating the top portion of the adjustable tip until the setting number lines up to the arrow.
5. Settings are based on skin type:  
*Depth 1-2 for soft or thin skin*  
*Depth 3 for average skin*  
*Depth 4-5 for thick or calloused skin*
6. Hold the tip of the lancet pen with one hand and pull the sliding barrel with the other hand. When a click is felt, the trigger rises up. Release the sliding barrel, it will move back to its original position.

### Connecting Gluchobin with the gadget

7. Insert the Gluchobin connector into the socket firmly as shown below.

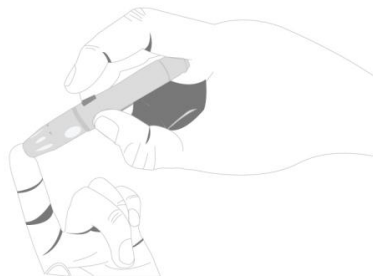


Gluchobin connected to B.O.L.T Device

8. Select Gluchobin and choose the “**Cholesterol**” option from the application screen of the mobile device.
9. Insert the cholesterol test strip into the test strip slot of the Gluchobin as shown below.



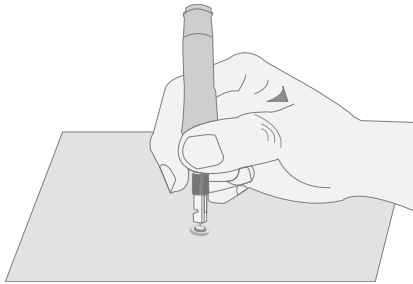
10. Click “Start” in the application screen of the mobile device.
11. Clean your finger with alcohol swap and let it dry completely.
12. Place the lancet pen on side of your fingertip.



13. Press the trigger on the lancet pen as shown above.
14. Get a drop of blood and place the blood drop on the test strip target area.



15. On successful test completion, the test result will be displayed in few second on the application screen.
16. Wipe any excess blood on the finger with the cotton and dispose it properly.
17. Pull the test strip out of the Gluchobin.
18. Unscrew the adjustable tip of the lancet pen.
19. Place the protective cover of the lancet back on the lancet as shown below.



20. Discard the used lancet in an appropriate container.
21. Screw the adjustable tip back on the lancet pen.

**Note:** *Ensure that the test strip gets enough blood. Else try to use a new test strip to do the test again.*

*To avoid accidental injury, always remove the used lancet immediately after each test.*

## Blood Cholesterol Level Classification

Blood Cholesterol Classification	
Normal	≤ 200 mg/dl
Boundary line high	200-239 mg/dl
High	≥240 mg/dl

## Body Mass Index (BMI)

The **Body Mass Index (BMI)** is a measure of relative weight based on an individual's mass and height. BMI provides a simple numeric measure of a person's thickness or thinness, allowing health professionals to discuss overweight and underweight problems more objectively with their patients.

### BMI Classification

Please note that this table can give only a generic view. Consult with your physician for accurate assessment.

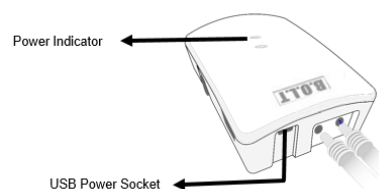
BMI Range	Category
<20	Under Weight
<b>20-25</b>	<b>Normal Weight</b>
25-30	Over Weight
>30	Obesity

### Measuring BMI with B.O.L.T

1. Choose Body Mass Index option from the application screen.
2. Enter your height (feet/cm) and weight (lbs/kg) of the person to be measured in the application.
3. On successful measurement, the BMI value is displayed which can be compared with the above BMI range classification table.

## Battery Care

- Power adapter is included in the pack and the specifications are mentioned below.  
AC input: 100-240V, Frequency: 50Hz to 60Hz, 0.35A Max, DC output: +5V @ 2A



- Connect the AC power adapter to the power source and micro USB port to the base unit's USB Power socket.
- Charge the base unit for minimum two hours during the first time usage.
- The mobile application indicates the battery low status when the battery level goes below 25% and shows critically low status when the battery level goes below 10%.
- Charge the base unit using the power adapter and view the charge level in the mobile application software.
- It is recommended to unplug the power adapter from power source when the charge level reaches 100%.
- When fully charged the base unit will automatically cut off charging internally, thus the device's design has taken safety measures into account to face various abnormal conditions like over-charging, over discharging etc.

- When charging is needed, please connect the base unit to the power source using the power adapter.
- The base unit can be operated by
  - Connecting to power source directly using the power adapter
  - or
  - Using the charged inbuilt battery (adapter not required)

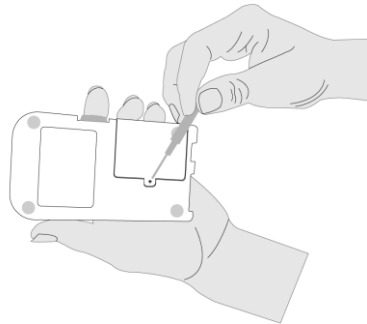
The device can work normally while charging.

## Replacement of Battery Pack

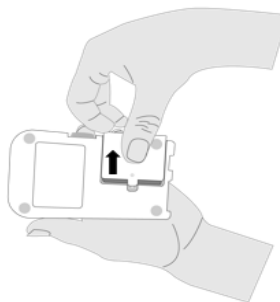
Manufacturer highly recommended to change the battery of the base unit for every 1 year at the AMI authorized service center. Use AMI recommended battery for replacement.

### Replacement procedure

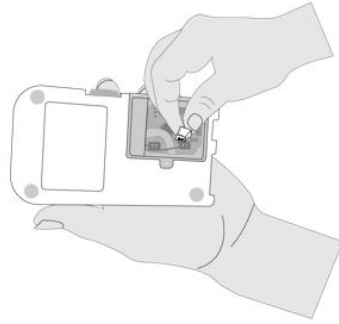
1. Switch off the base unit before removing the back cover for the battery replacement.
2. Remove the single screw on the upper portion of the battery cover as shown below.



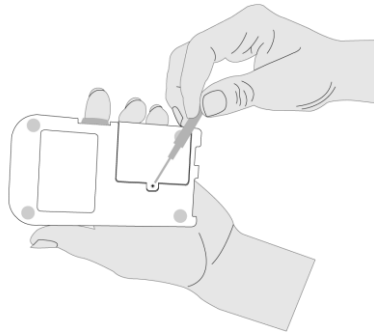
3. Press and remove the battery cover in the recommended direction as shown below.



4. Disconnect the battery pack from the connector and replace with new one.







5. Install the battery cover and fasten with the screw.






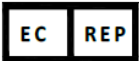







6. Connect the base unit with AC adapter and then charge for more than twelve hours before use.

## Explanation of Indicators/Symbols

Indicators/Symbols	Function/Description
	The indicator displays full battery power of the gadget in the computer/mobile device.
	The indicator displays low battery power of the gadget in the computer/mobile device.
<b>SYS</b>	Systolic blood pressure in mmHg.
<b>DIA</b>	Diastolic blood pressure in mmHg.
<b>PUL./min</b>	Pulse per minute.
	<ul style="list-style-type: none"> <li>Flashing of the Bluetooth light indicates that the gadget is waiting for pairing with the mobile/tab.</li> <li>Steady Bluetooth light indicates that the gadget is paired and ready for the measurement.</li> </ul>
	<ul style="list-style-type: none"> <li>Steady green light indicates that the gadget is operating in battery mode.</li> <li>Blinking of green light indicates that the gadget has low battery</li> </ul>



	level.
	Steady red light indicates that the gadget is in the charging mode.
	Symbol for "ENVIRONMENT PROTECTION"
	Symbol for "KEEP DRY"
	Symbol for "MANUFACTURER"
	Symbol for "MANUFACTURED DATE"
SN	Symbol for "SERIAL NUMBER"
	Symbol for "EUROPEAN REPRESENTATIVE"
CE	Symbol for "COMPILES WITH MDD93/42/EEC REQUIREMENTS"
	Symbol for "Federal Communication Commission"
	Symbol for "Read the documentation"
	Symbol for "Warning"
	Symbol for "Temperature limitation"
	Symbol for "Shock Protection"

## Technical Specifications

<b>Product Name</b>	<b>B.O.L.T</b>
Model	VA06
<b>Base Unit</b>	
Base Unit Dimensions	130 (L) X 40.3 (H) X 75 (D) mm
Base Unit Weight	220 grams (Including Battery)
Power Source	DC 5V 2A
Bluetooth	Bluetooth 4.0 EDR or Lower, Bluetooth Low Energy (BLE)
Base Unit Operating Temperature	16°C to 35°C (60.8°F to 95.0°F)
Base Unit Storage and Transport Temperature	10°C to 55°C (14°F to 131°F)
Base Unit Storage Humidity	30%RH to 90%RH
<b>Non-Invasive Blood Pressure</b>	
Blood pressure measurement method	Oscillometric method with automatic inflation & measurement
Cuff Pressure range	0 to 280 mmHg
Pressure Accuracy	±4mmHg
BP Pulse range	30 to 180 BPM
Pulse Accuracy	± 5%
Cuff Limb Circumference	22 cm to 42 cm
Cuff Size	610 mm * 145 mm
Cuff Weight	205 Grams
<b>IR Thermometer</b>	
Body Temperature measurement method	Tympanic, Infrared based
Body temperature range	34°C to 42°C (93.2°F to 107.6°F)
Body temperature Accuracy	±0.2°C (from 36°C to 39.0°C)/ ± 0.4°F(from 95.0°F to 102.6°F) ±0.3°C (from 39.1°C to 44.0°C)/ ± 0.5°F(from 102.38°F to 111.2°F)
IRT Display resolution temperature range	0.1 °F
IRT Unit Dimensions	84.8 (L) X 18 (H) X 26.6 (D) mm (Highest width along the profile)
IRT Unit Weight	42 grams
<b>Pulse Oximeter</b>	
SpO2 measurement method	Optical method
SPO2 range	70% to 100%, below 70%: Unspecified
SpO2 Measurement Accuracy	70% to 100% - ±2%, below 70%: Unspecified
SpO2 Pulse Rate Range	30 to 180 BPM
SpO2 Unit Dimensions	58.2 (L) X 35 (H) X 35.3 (D) mm
SpO2 Unit Weight	60 grams
<b>Gluchobin</b>	
Gluchobin measurement method	Chronoamperometry method
Glucose range	20-600mg/dL (1.11-33.3 mmol/L)
Hemoglobin range	7 to 26 g/dL
Cholesterol range	100 - 400 mg/dL
Gluchobin Unit Dimensions	78 (L) X 27 (H) X 25(D) mm
Gluchobin Unit Weight	18 grams

**NOTE: These specifications are subject to change without notice.**

For more information kindly visit our website: [www.amibolt.com](http://www.amibolt.com)

## Certifications

COUNCIL DIRECTIVE 93/42/EEC of 14 June 1993 concerning medical devices.

This device complies with the following normative documents:

- EN ISO 10993-1:2009/AC: 2010 Biological evaluation of medical devices- Part1: Evaluation and Testing with in a risk management process.
- EN ISO 10993-5:2009 Biological evaluation of medical devices - Part 5: Tests for in vitro cytotoxicity
- EN ISO 10993-10:2010 Biological evaluation of medical devices -- Part 10: Tests for irritation and skin sensitization
- EN ISO 80601-2-61:2011 Particular requirements for basic safety and essential performance of pulse oximeter equipment
- EN 80601-2-30:2010 Particular requirements for basic safety and essential performance of automated non-invasive sphygmomanometers
- EN 12470-5:2003 Clinical thermometers - Part 5: Performance of infra-red ear thermometers
- EN 60601-1:2012 General requirements for basic safety and essential performance  
EN 60601-1-2-2007/AC: 2010 General requirements for safety -Collateral standard: Electromagnetic compatibility.
- EN 60601-1-6:2010 Collateral standard: Usability
- IEC 60601-1-4:1996 General requirements for safety- Collateral standard: Programmable electrical medical systems.



## FCC compliance statements

This device complies with Part 15 of the FCC Rules. Its operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including Interference that may cause undesired operation.

### FCC Caution

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### Part 15B compliance statements for digital devices:

*NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.*

This equipment generates, uses and can radiate radio frequency energy And, if not installed and used in accordance with the instructions, may Cause harmful interference to radio communications. However, there is no Guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television Reception, which can be determined by turning the equipment off and on,

The user is encouraged to try or to correct the interference by one or more of

The following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For more information kindly visit our website: [www.amibolt.com](http://www.amibolt.com)

## Warranty Information

The B.O.L.T is warranted to be free from defects in materials and workmanship within one year from the date of purchase when used in accordance with the provided instructions. The warranty is extended only to the end user. The company will repair free of charge any part or parts of the product, if the defect is due to the faulty material or workmanship.

To obtain warranty service contact customer care support by calling **1800-419-9868**.

Enclose the warranty card, Proof of Purchase. Include a letter, with your name, address, phone number, and description of the specific problem. Pack the product carefully to prevent damage in transit.

## Customer Care Support

AMI's flexible approach allows the customers to get Technical Support and Warranty services for B.O.L.T through our customer care support.

- Toll free number (India): 1800-419-9868
- Customer Care Support timings : 10am - 6pm Monday – Friday (Except National Holidays)

## Contact us



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