



GIMA

PROFESSIONAL MEDICAL PRODUCTS

Gima S.p.A.

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MISURATORE DI PRESSIONE SANGUIGNA AUTOMATICO-DA POLSO

AUTOMATIC WRIST BLOOD PRESSURE MONITOR

APPAREIL DE MESURE DE LA PRESSION ARTÉRIELLE AUTOMATIQUE-AU POIGNET

AUTOMATISCHER BLUTDRUCKMESSER FÜRS HANDGELENK

MEDIDOR DE PRESIÓN SANGUÍNEA AUTOMÁTICO-DE MUÑECA

MEDIDOR DA PRESSÃO SANGUÍNEA AUTOMÁTICO-DE PULSO

ΜΕΤΡΗΤΗΣ ΠΙΕΣΕΩΣ ΑΙΜΑΤΟΣ - ΑΥΤΟΜΑΤΟ-ΠΑΛΜΟΥ

جهاز قياس للضغط الدموي - أوتوماتيكي - للرسغ

Manuale d'uso - User manual - Manuel de l'utilisateur

Gebrauchs- und instandhaltungsanleitung - Guía de uso

Guia para utilização - Οδηγίες χρήσης - دليل الإستعمال والرعاية

ATTENZIONE: Gli operatori devono leggere e capire completamente questo manuale prima di utilizzare il prodotto.

ATTENTION: The operators must carefully read and completely understand the present manual before using the product.

AVIS: Les opérateurs doivent lire et bien comprendre ce manuel avant d'utiliser le produit.

ACHTUNG: Diese Anleitung muss vor dem Einsatz des Produkts aufmerksam gelesen und vollständig verstanden werden.

ATENCIÓN: Los operadores tienen que leer y entender completamente este manual antes de utilizar el producto.

ATENÇÃO: Os operadores devem ler e entender completamente este manual antes de usar o produto.

ΠΡΟΣΟΧΗ: Οι χειριστές αυτού του προϊόντος πρέπει να διαβάσουν και να καταλάβουν πλήρως τις οδηγίες του εγχειριδίου πριν από την χρήση του.

الحذر: على العمال قراءة وفهم هذا الدليل بأكمله قبل البدء باستعمال المنتج.



REF 32786



Gima S.p.A.

Via Marconi, 1

20060 Gessate (MI) - Italy

Made in China



0476



SAFETY PRECAUTIONS

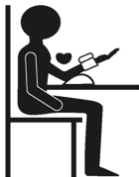
- Babies, young children or individuals who cannot express their consent are not suitable to take blood pressure measurement.
- Individuals with serious arteriosclerosis are not suitable to take blood pressure measurement.
- Blood pressure readings may change in case of pregnancy. Pregnant women can consult their doctor before taking measurement.
- Self-measurement is not medical treatment. If there are unusual values, please consult your doctor.

Handling batteries properly:

- As soon as old batteries run out, replace with new batteries.
- Do not use old and new batteries together.
- Align the polarities of batteries correctly.
- When the unit will not be used for more than 3 months, remove the batteries. Otherwise, batteries may leak and cause damage to the unit.

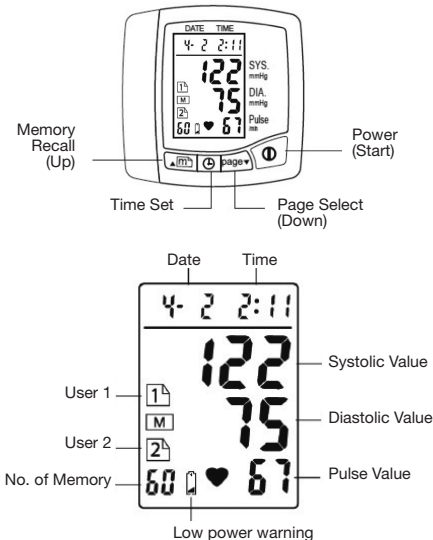
QUICK START GUIDE

1. Sit upright in a chair with your both feet on the floor.
2. Remove tight fitting clothing from your upper arm and thick clothing.
3. Pull on the end of the cuff until it wraps securely around your wrist. Place your arm on a table so that the cuff will be at the same level as your heart.
4. Press the “①” button. The cuff will automatically inflate and the measurement will start.
5. When the measurement is complete, the cuff will automatically deflate and your systolic and diastolic pressure values and pulse rate will display.



OVERVIEW

Monitor



Features

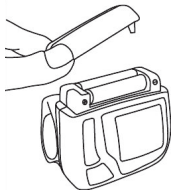
- One Touch Operation
- 2 User / 120 Total Memory
- Auto-off Power Saving Feature
- Operated by 2 AAA batteries

PREPARATION

Battery Installation




1. Squeeze slightly and pull to remove the battery cover.
2. Insert 2 AAA batteries with the polarities in correct direction.
3. Replace the battery cover. Press it lightly until the lock securely clicks into place.

Note: Replace batteries when the battery indicator “” shows low voltage.



Date & Time Setting

Note:

- Set the correct date and time before taking a measurement.
 - Date and time should be reset after replacing new batteries.
1. Press and hold the “” button for a few seconds until the Year display flashes.
 2. Press the “m” or “page ” button to select the current year.
 3. Press the button to confirm Year Setting.
 4. Follow the same steps to set the Month, Date, Hour and Minute.

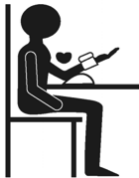
TAKING MEASUREMENT

Note:

- Avoid smoking, eating or exercising for 30 minutes before taking measurement.
- Do not move or talk during measurement.
- Measurement can be taken on either arm.

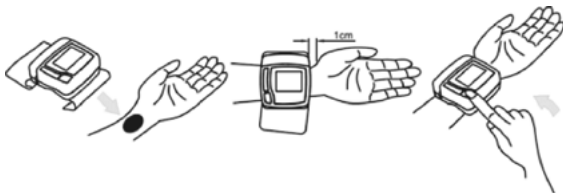
Sitting Correctly

1. Relax.
2. Sit upright in a chair with your both feet on the floor.
3. Remove tight fitting clothing from you upper arm and thick clothing. Do not roll up your sleeve if it is too tight.
4. Place your arm on a table so that the cuff will be at the same level as your heart.



Applying the Wrist Cuff

1. Place your elbow on a table and palm facing upward, and wrap the arm cuff around the upper left arm.
2. Pull on the end of the cuff until it wraps securely around your upper wrist. Do not over tighten the cuff. Allow 1-2 cm or ½ inch between the bottom of the cuff and your wrist joint.
3. Make sure the cuff is at the same level as your heart.



User Setting

Press “page ▼” button to switch between User Page 1 and 2. This unit allows a maximum of 2 users to store measurement records in different User Pages.

Taking Measurement



1. Press the “①”. button. The cuff will automatically inflate and the measurement will start.
2. When the measurement is complete, the cuff will automatically deflate and your systolic and diastolic pressure values and pulse rate will display.
3. Remove the arm cuff and take note of your measurement results.

Note: You can press the “①” button to stop measurement at any time.

MEMORY FUNCTIONS


After measurement, the last set of measured values will be saved automatically after measurement when the unit is turned off by pressing “①” button or by automatic power-off after 3 minutes.

View Past Readings



1. Press the “▲” button to enter memory function.
2. If the User Page is not what you want to view, press the “page ▼” button to select.
3. Press the “▲” button to display the next sets of values. Past readings are displayed from the most recent to the oldest.
4. This can stored up to 60 sets of past readings for each user (2 x 60).

Delete Past Readings

User can delete all the past readings stored in memory by replacing the batteries.

1. Press the “page ▼” button to select the User Page you want to delete.
2. Press and hold the “▲” & “page ▼” button simultaneously for 5 seconds. Symbol of “EE EE” will be displayed and all past readings stored in that User Page will be deleted.

To delete an individual measurement from the memory

1. First press the “page ▼” button to select the user.
2. Press the “▲” button to select the stored measurement to be deleted from the memory.
Press and hold the “⊕” button for 5 seconds or until “dEL” appears in the display.
Press the “▲” button to delete.

TROUBLESHOOTING

Problem	Cause	Solution
No display when you press the Power / Start button.	Have the batteries run out?	Replace new batteries.
	Are the battery polarities wrong?	Re-align batteries in correct polarities.
"Er P" displayed	Fail to inflate.	Check if the cuff is properly connected. Replace the air tube if it is broken.
"Er 1" displayed	Deflate too rapidly.	Return for servicing.
"Er 2" displayed	Movement during measurement.	Do not move during measurement.
	Signal interference.	Remove interfering source e.g. mobile phones, magnets.
"Err 3" displayed	Incorrect results.	Measure again.

Note: If your problem cannot be solved by the above, consult your store of purchase. Do not disassemble the unit.

STORAGE & MAINTENANCE

- Keep away the unit from direct sunlight, extreme temperatures, humidity or moisture.
- Use a dry, soft cloth to clean the unit, or if desired, use a cloth lightly dampened with water.
- Do not use alcohol, benzene, thinner or other volatile liquids to clean the unit.
- Do not wash or expose the wrist cuff to liquid.
- Remove batteries from the unit when it will not be used for more than 3 months.

SPECIFICATION

Name	Wrist Blood Pressure Monitor
Model	32786
Measurement	Oscillometric
Measurement Range	Pressure: 20-280 mmHg Pulse rate: 40/195 beats/min
Accuracy	Pressure: within +/- 3mmHg Pulse rate: within +/- 5% of reading
Inflation	Automatic inflation with pump
Pressure Detection	Semi-Conductor
Power Supply	2x "AAA" batteries
Auto Power	Off 3 minutes after last key operation
Operating Temperature / Humidity	+10°C to +40°C, 30% to 85% RH
Storage Temperature / Humidity	-20°C to +60°C, 10% to 95% RH
Dimensions & Weight	80(W) x 85(L) x 60(D) mm, 140g (without batteries)
Wrist Circumference	135 mm – 220 mm

INFORMATION OF BLOOD PRESSURE

What is blood pressure?

Blood is sent to the arteries with the action of a pump called heart (contraction and dilation). The pressure of blood leaving the heart is called "blood pressure", Blood Pressure pulsate with each beat of the heart. The high blood pressure when the heart contracts are called "Systolic pressure" and the low blood pressure when the heart dilates is called "diastolic pressure", The threshold value for hypertension in adults is defined by the World Health Organization (WHO) as 140/90 mmHg.

Health and blood pressure!

When people reach middle age, the risk of hypertension markedly increase. With aging, the blood vessels age rapidly, Furthermore, because of the obesity and lack of exercise, cholesterol sticks to blood vessels, causing them to lose elasticity, Therefore, watching daily blood pressure help to evaluate our health condition.

Why do we need to monitor blood pressure at home?

By recording the blood pressure values and the measuring conditions such as the measuring time or living state every day, you can know the fluctuation tendency of your blood pressure, which helps control your health. Furthermore, recording of












daily blood pressure values is very helpful for your doctor to diagnose.

How to manage your Blood Pressure if it works unsuitable?

If correct measurement is impossible even after checking the above-mentioned points, consult at the store where you have purchased the unit or the nearest dealer without touching the internal mechanism.

In some very rare cases, there may be error due to the physical condition of the person. In such cases, please consult your doctor.

Index of symbols

	Read instructions carefully		Keep away from sunlight		WEEE
	Keep in a cool, dry place		Please read instructions carefully		Product complies with European Directive
	Manufacturer		Lot number (see box / package)		Product code
	Date of manufacture		Type BF applied part		



Disposal: *The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment. For further information on recycling points contact the local authorities, the local recycling center or the shop where the product was purchased. If the equipment is not disposed of correctly, fines or penalties may be applied in accordance with the national legislation and regulations.*

GIMA WARRANTY CONDITIONS

Congratulations for purchasing a GIMA product. This product meets high qualitative standards both as regards the material and the production.

The warranty is valid for 12 months from the date of supply of GIMA.

During the period of validity of the warranty, GIMA will repair and/or replace free of charge all the defected parts due to production reasons.

Labor costs and personnel traveling expenses and packaging not included.

All components subject to wear are not included in the warranty.

The repair or replacement performed during the warranty period shall not extend the warranty. The warranty is void in the following cases: repairs performed by unauthorized personnel or with non-original spare parts, defects caused by negligence or incorrect use. GIMA cannot be held responsible for malfunctioning on electronic devices or software due to outside agents such as: voltage changes, electro-magnetic fields, radio interferences, etc. The warranty is void if the above regulations are not observed and if the serial code (if available) has been removed, cancelled or changed.

The defected products must be returned only to the dealer the product was purchased from. Products sent to GIMA will be rejected.