



# GIMA

PROFESSIONAL MEDICAL PRODUCTS

SFIGMOMANOMETRI  
SPHYGMOMANOMETERS  
TENSIOMETRES  
BLUTDRUCKMESSGERÄTE  
ESFIGMOMANOMETROS  
ESFIGMOMANMETROS  
ΣΦΥΓΜΟΜΑΝΟΜΕΤΡΑ  
مقاييس ضغط الدم



CM-1621 (GIMA 32704)  
CM-3003 (GIMA 32713 - 32714)

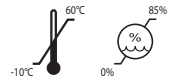


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## FEATURES

We would like to thank you for having purchased a precision sphygmomanometer.

All sphygmomanometers are manufactured with high quality materials and, when maintained at perfect operating efficiency through regular calibration checks, ensure complete reliability and precision, even after several years of use.

Our line of sphygmomanometers offers the same quality standards for both professional and home models. The sphygmomanometer you have purchased complies with EEC directive 93/42/CEE.

## PRESCRIPTIONS



It must be noted that self-measuring instruments are not a substitute for regular medical checkups, and that only your doctor can accurately analyze these measurements.

## SPHYGMOMANOMETER

Arterial pressure is highly influenced by one's nervous tension and physical fatigue. It is therefore recommended that you perform the measurement under conditions of both physical and mental relaxation (it is recommended to stay relaxed for at least 15 minutes before measurement), while in a sitting or supine position straight not crossing legs and, where possible, always at the same time of day. Patients should not have been exposed to temperature changes, nor should they have eaten or smoked for at least 30 minutes prior to taking measurement.

Remember: do not move and do not talk while measuring your pressure and do not wear clothing that covers your arm and could limit blood circulation.

Pressure varies during the day: it is lower in the morning and higher in the evening; it is also lower in the summer and higher in the winter.

A recommendation is that 5 minutes should elapse before each measurement.

Do not allow a blood pressure cuff to remain on patient for more than 10 minutes when inflated above 10 mmHg. This may cause patient distress, disturb blood circulation, and contribute to the injury of peripheral nerve.

## INSTALLATION

After opening the packages, first of all it is necessary to check all pieces and parts composing the product. Check that they are all present and in perfect conditions.

Apply the cuff to your bare left arm, 2-3 cm. above your elbow joint, and then prop up your forearm with the palm up upwards, keeping it at heart level.

Close the cuff using the opposite strap. The cuff should be applied evenly and snugly, but not too tight.

If not specifically indicated, all sphygmomanometers are equipped with cuffs for adults; upon request, we can provide cuffs for the obese, for use on the thigh and for children, ranging from premature babies up to 14-year-olds.

Position the earpiece of the stethoscope on the artery, under your cuff, after having detected the arterial pulsation with the other hand to be sure the earpiece of the stethoscope is located directly over it arm.

## FUNCTIONING

1) After applying the cuff, use the bulb to pump up to 30mmHg beyond the level of individual systolic pressure: in other words, until the brachial artery is blocked (maximum level). It is essential that the person being measured remains seated and calm, and that his/her forearm is resting at heart level, with the inside part facing up.

2) To measure blood pressure, turn the release/deflation screw on the bulb, unscrewing it slowly in a counter-clockwise direction. The ideal deflation speed is around 2-3 mmHg/sec.

3) Due to the gradual decompression, your blood starts to run through the brachial artery again, which in turn causes an initial pulsation, that is clearly perceived by the phonendoscope: the pressure indicated on the gauge needle at the exact moment this first beat is recorded is referred to as the "systolic or maximum pressure".

Systole = maximum pressure level when the heart contracts and blood is pushed into the blood vessels.

As you proceed with decompression, the pulsations gradually decrease until they suddenly disappear or

become so low as to be imperceptible.

The pressure indicated by the gauge needle at the moment the pulsations disappear is referred to as the "diastolic or minimum pressure".

Diastole: minimum blood pressure level when the heart muscle is expanding and refilling with blood.

4) Now completely open the release valve until air begins to come out of the cuff. Blood pressure measurement is now completed. To remove, pull the loose end of the cuff with a smooth motion.

## SPECIFICATIONS

Pressure indication range:	0-300 mmHg
Measuring Range of Cuff:	0-300 mmHg
Accuracy:	$\leq \pm 3$ mmHg or 2% whichever is greater
Minimum scale value:	2mmHg
Operating Environment:	+10°C to +40°C, 15% - 85% relative humidity

Specifications are subject to change without notice due to improvements in performance.

## CLEANING, STORAGE AND MAINTENANCE

### CLEANING

The Gauge, bulb and valve can be wiped with a slightly dampened cloth or alcohol pad. The Cuff can be wiped with a slightly dampened cloth, or hand-washed with mild detergent and water solution (1:9 solution); in the second case, rinse and let air dry. Do not press or iron the cuff with a hot iron since to the application of heat will melt the hook and loop and destroy their effectiveness

Please note:

- Do not allow liquids to enter inside the sphygmomanometer components.
- It is recommended a monthly cleaning but the following circumstances could request an increase of the frequency:
  - Before and after use of different patients;
  - When the product is dirty
  - High incidence of infectious diseases
  - Contact with the skin when there is liquid, such as blood, medicine, sweat.








### STORAGE AND MAINTENANCE






Always deflate the cuff completely before storage; needle should indicate zero when cuff is fully untouched

- fold the cuff with the hook and loop closure inside to protect it from dust or lint
- store the product at temperatures between -10°C and 60°C and relative humidity not exceeding 85%
- do not carry out self-repair or transformation
- do not drop or pull excessively on the sphygmomanometer components.

### GIMA WARRANTY TERMS

The Gima 12-month standard B2B warranty applies.

	<p>IT Attenzione: Leggere e seguire attentamente le istruzioni (avvertenze) per l'uso            GB Caution: read instructions (warnings) carefully            FR Attention: lisez attentivement les instructions (avertissements)            DE Achtung: Anweisungen (Warnungen) sorgfältig lesen            ES Precaución: lea las instrucciones (advertencias) cuidadosamente            PT Cuidado: leia as instruções (avisos) cuidadosamente            GR Προσοχή: διαβάστε προσεκτικά τις οδηγίες (ενστάσεις)</p> <p style="text-align: right;">SA الحذر: قراءة التعليمات (التحذيرات) بعناية</p>
	<p>IT Conservare in luogo fresco ed asciutto            GB Keep in a cool, dry place            FR À conserver dans un endroit frais et sec            DE An einem kühlen und trockenen Ort lagern            ES Conservar en un lugar fresco y seco            PT Armazenar em local fresco e seco            GR Διατηρείται σε δροσερό και στεγνό περιβάλλον</p> <p style="text-align: right;">SA يحفظ في مكان بارد وجاف</p>
	<p>IT Fabbricante            GB Manufacturer            FR Fabricant            DE Hersteller            ES Fabricante            PT Fabricante            GR Παραγωγός</p> <p style="text-align: right;">SA الشركة المصنعة</p>
	<p>IT Dispositivo medico conforme alla Direttiva 93/42/CEE            GB Medical Device complies with Directive 93/42/EEC            FR Dispositif médical conforme à la directive 93/42 / CEE            DE Medizinprodukt gemäß Richtlinie 93/42/CEE            ES Dispositivo médico según a la Directiva 93/42 / CEE            PT Dispositivo médico em conformidade com a Diretiva 93/42/CEE            GR Ιατρική συσκευή σύμφωνα με την οδηγία 93/42 / CEE</p> <p style="text-align: right;">SA جهاز طبي يتوافق مع التوجيه 93/42/CEE</p>
	<p>IT Codice prodotto            GB Product code            FR Code produit            DE Erzeugniscode            ES Código producto            PT Código produto            GR Κωδικός προϊόντος</p> <p style="text-align: right;">SA كود المنتج</p>
	<p>IT Conservare al riparo dalla luce solare            GB Keep away from sunlight            FR À conserver à l'abri de la lumière du soleil            DE Vor Sonneneinstrahlung geschützt lagern            ES Conservar al amparo de la luz solar            PT Guardar ao abrigo da luz solar            GR Κρατήστε το μακριά από ηλιακή ακτινοβολία</p> <p style="text-align: right;">SA يحفظ بعيداً عن ضوء الشمس</p>
	<p>IT Leggere le istruzioni per l'uso            GB Consult instructions for use            FR Consulter les instructions d'utilisation            DE Gebrauchsanweisung beachten            ES Consultar las instrucciones de uso            PT Consulte as instruções de uso            GR Διαβάστε προσεκτικά τις οδηγίες χρήσης</p> <p style="text-align: right;">SA اقرأ بدقة وحرص تعليمات الاستخدام</p>

	<p>IT Numero di lotto GB Lot number FR Numéro de lot DE Chargennummer ES Número de lote PT Número de lote GR Αριθμός παρτίδας</p> <p style="text-align: right;">SA رقم الدفعة</p>
	<p>IT Rappresentante autorizzato nella Comunità europea GB Authorized representative in the European community FR Représentant autorisé dans la Communauté européenne DE Autorisierter Vertreter in der EG ES Representante autorizado en la Comunidad Europea PT Representante autorizado na União Europeia GR Εξουσιοδοτημένος αντιπρόσωπος στην Ευρωπαϊκή Ένωση</p> <p style="text-align: right;">SA ممثل معتمد في الاتحاد الأوروبي</p>
	<p>IT Limite di temperatura GB Temperature limit FR Limite de température DE Temperaturgrenzwert ES Límite de temperatura PT Limite de temperatura GR Όριο θερμοκρασίας</p> <p style="text-align: right;">SA حد درجة الحرارة</p>
	<p>IT Limite di umidità GB Humidity limit FR Limite d'humidité DE Feuchtigkeitsgrenzwert ES Límite de humedad PT Limite de humidade GR Όριο υγρασίας</p> <p style="text-align: right;">SA حد نسبة الرطوبة</p>
	<p>IT Latex free GB Latex free FR Sans latex DE Ohne Latex ES Sin látex PT Isento de látex GR Χωρίς λάτεξ</p> <p style="text-align: right;">SA طاظملا نم يعيبط طاظم دوجو وأ يلغ يوتحي</p>