

SFIGNO NEW DALLAS - su carrello
NEW DALLAS SPHYGMOMANOMETER – trolley
SPHYGMOMANOMÈTRE NEW DALLAS - sur socle à roulettes
ESFIGNO NEW DALLAS – carro
ESFIGNOMANÔMETRO NEW DALLAS - base com rodas
NEW DALLAS BLUTDRUCKMESSGERÄT – Fahrzeugen
NEO ΣΦΥΓΜΑΝΟΜΕΤΡΟ DALLAS - τρόλεϊ

È necessario segnalare qualsiasi incidente grave verificatosi in relazione al dispositivo medico da noi fornito al fabbricante e all'autorità competente dello Stato membro in cui si ha sede. All serious accidents concerning the medical device supplied by us must be reported to the manufacturer and competent authority of the member state where your registered office is located. Il est nécessaire de signaler tout accident grave survenu et lié au dispositif médical que nous avons livré au fabricant et à l'autorité compétente de l'état membre où on a le siège social. Es necesario informar al fabricante y a la autoridad competente del Estado miembro en el que se encuentra la sede sobre cualquier incidente grave que haya ocurrido en relación con el producto sanitario que le hemos suministrado. Jeder schwere Unfall im Zusammenhang mit dem von uns gelieferten medizinischen Gerät muss unbedingt dem Hersteller und der zuständigen Behörde des Mitgliedsstaats, in dem das Gerät verwendet wird, gemeldet werden. É necessário notificar ao fabricante e às autoridades competentes do Estado-membro onde ele está sediado qualquer acidente grave verificado em relação ao dispositivo médico fornecido por nós. Σε περίπτωση που διαπιστώσετε οποιοδήποτε σοβαρό περιστατικό σε σχέση με την ιατρική συσκευή που σας παρέχουμε θα πρέπει να το αναφέρετε στον κατασκευαστή και στην αρμόδια αρχή του κράτους μέλους στο οποίο βρίσκεται.

Gima 32733

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HS-70D



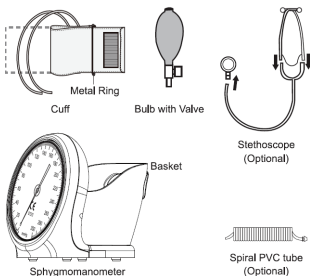
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INTENDED USE/ INDICATIONS FOR USE:

The device is intended to be used by medical professionals or in the home for the measurement of systolic and diastolic pressure. The device is intended to be manually attached to a patient and manually inflated along with a manual method for detecting Korotkoff sounds. This product can measure the blood pressure of people aged 3 years and above
Contraindication: None

PARTS AND COMPONENTS



SELECT THE CORRECT CUFF

This instrument is supplied with universal cuff which is fit for the arm size 22 - 42cm (8.7 - 16.6in). Care should be taken to ensure that the cuff size is appropriate for the person whose blood pressure is being taken. This improves the accuracy of the reading. Children and obese people with cuff size fall outside the range 22 - 42cm (8.7 - 16.6in) should select special size cuffs. Please contact the dealer to get these special size cuffs.

GENERAL INFORMATION

Before using, please read through this instruction manual carefully and then keep it in a safe place. For further questions on the subject of blood pressure and its measurement, please contact your doctor

WHAT IS BLOOD PRESSURE?

Blood Pressure is the pressure of the blood flowing against the walls of the arteries. Arterial blood pressure is changing constantly during the course of the cardiac cycle. The highest pressure in the cycle is called the systolic blood pressure, and the lowest is the diastolic blood pressure; the both readings are necessary to enable you to evaluate the status of your blood pressure. Many factors such as physical activity, anxiety, or the time of day, can influence your blood pressure. Blood pressure is typically low in the morning but high from afternoon to evening. It is lower in the summer but higher in the winter.

WHAT IS NORMAL BLOOD PRESSURE?

Blood pressure varies from individual to individual and is dependent upon a number of factors, such as age, weight, physical condition and gender. The classic normal reading for an adult between the age of 18 and 45 is 120/80mmHg. Remember, only your physician is qualified to determine whether the readings you obtain are normal.

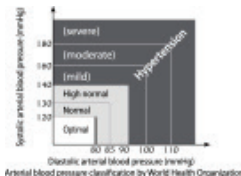
Note: Blood pressure does vary with age, so you must check with your doctor to find out what

is "normal" for you. Under no circumstance should you alter the drug dosage of any drugs prescribed by your doctor!

WHO BLOOD PRESSURE CLASSIFICATION INDICATIONS

According to the World Health Organization (WHO) Guidelines/Definitions, the test results can be classified and evaluated according to the chart :

The indicator displays a segment, based on the current data, corresponding to the WHO classification. For example, if your blood pressure is 135 mmHg (Systolic Pressure), 78 mmHg (Diastolic Pressure), according to the WHO standard, your blood pressure level is 'High normal'.



If the systolic blood pressure and diastolic blood pressure fall into different categories, the higher value should be taken for classification. The WHO blood pressure classification indication in the device is only a reminder; it can't be regarded as the final diagnosis.

PRECAUTIONS

- Any strenuous activity immediately before measurement is prohibited.
- Rest 5 to 10 minutes before measuring your blood pressure.
- Always measure the same arm (normally left).
- Do not hold the head of the stethoscope with your thumb. The thumb has a beat of its own, which may interfere with the reading.
- Do measure your blood pressure the same time of day.
- Record the date and time when measurement was made.
- Talking, eating, drinking or excessive movements are prohibited during the measurement process.

INSTRUCTIONS FOR USE

1. Connect the cuff, Spiral PVC tube manometer, bulb and valve as shown in the illustration as fig.1.
2. Fitting the Cuff: The user should be in warm environment. Tight or restrictive clothing should be removed from the arm. Sit down at a table or desk where you can easily rest your arm. Wrap the cuff around the uncovered arm so the middle of the cuff is over the brachial artery pulse. Position the cuff approximately 2-3cm (0.8in-1.2in) above the elbow (fig.2, fig.3). Most cuffs have Velcro, making it easy to keep the cuff in place. Make sure the cuffs snug, and not be too tight. Two fingers should be easily put in between the cuff and arm. The cuff should be at about the same level as your heart. If someone else is taking your blood pressure, you may recline.
3. Gently place the ear pieces of stethoscope in your ears as fig.4.
4. Place the head of the stethoscope just below (2.5-8cm or 1.0-3.2in) the armpit, near the inside middle part of the arm as fig.5. It must not be pressed too firmly or touch the cuff, or the diastolic pressure may be underestimated.
5. Pump the bulb slowly but steadily until the pressure reaches about 30mmHg above your usual systolic pressure. If you have never measured your blood pressure, please inflate the pressure to 180 mmHg (fig.6 and fig.7). Note: You should not keep the cuff



Fig.1



Fig.2



Fig.3

inflated any longer than necessary.

6. Stop inflating and then adjust the valve so as to get the pressure drop slowly and steadily at about 2-3 mmHg per second. Listen and watch the dial plate carefully during deflation, the point where repetitive, clear tapping sounds first appear for at least two consecutive beats gives the systolic blood pressure. The point where the repetitive sounds finally disappear gives the diastolic blood pressure (fig.8).
7. After you get the diastolic pressure, push or adjust the deflation valve to the bottom for rapid deflation. Remove the cuff from arm and stethoscope from ears.
8. Record your readings and the time of the day when measurement is made immediately after you finish measuring. Repeat the measurement two or more times. A convenient time is early in the morning, or just before evening meals. Remember that your physician is the only person qualified to analyze your blood pressure



Fig.4



Fig.5



Fig.6



Fig.8



Fig.7

USEFUL TIPS FOR BLOOD PRESSURE MEASURING

- Make sure you are in a comfortable, relaxed position with leg uncrossed, feet flat on the floor, back and arm supported, middle of the cuff at the level of the right atrium of the heart and do not move or constrict your muscles and talk.
- Dispose of the device, components and optional accessories according to applicable local regulations. Unlawful disposal may cause environmental pollution

Use the K5 sound for measurements in adults and the K4 sound for children aged 3 - 12 years. If Korotkoff sounds can be heard in adults or pregnant patients with a vented cuff, use the K4 sound as well as for the measurement.
Do not modify this equipment without authorization of the manufacturer.

CLEANING THE CUFF

The cuffs are sensitive and must be handled with care. You can clean the cuff cover with damp cloth. You can use a cloth soaked in 70% Isopropanol to disinfect the surface of the cuff.
WARNING: Under no circumstances may you wash the inner bladder!



ATTENTION: Sterilization is not necessary since the parts of manometer should not come into direct contact with the patient's body during measurement.

TROUBLESHOOTING

If problems occur when using the device, the following points should be checked and if necessary, the corresponding measures are to be taken.

Problem	Solution
The sound transmission is poor, distorted or there is extraneous noise.	1. Check the earpieces if they are plugged or cracked. If yes, plug properly. If not, make sure they are worn. 2. Check the tube whether it is broken or twisted. 3. Check the bell and diaphragm of chest-piece whether there is any crack.
The pressure does not rise although the bulb is pumping.	1. Make sure that the valve is closed. 2. Make sure the cuff is properly connected to bulb and manometer 3. Check whether the cuff, tube or bulb is leaky. Replace the defective parts if so.
The deflation rate can not be set to 2-3 mmHg/sec. By adjusting the air release valve.	Disassemble the valve from bulb to check if there is any blockage in the airway of the valve. Clean the blockage and try again. If it still does not work, replace it to avoid inaccurate reading.

MAINTENANCE AND STORAGE

Your blood pressure kit will provide you at least years of satisfactory service by following basic rules:

- Do not strike or drop.
- Never inflate over 300mmHg.
- Never expose the product to intensive solar radiation directly.
- Never touch the cuff fabric or parts with a sharp instrument since this could cause damage.
- Always deflate cuff completely before storage.
- Do not dismantle manometer under any circumstance. Store all
- instrument in storage case provided to keep the chestpiece and all the other parts clean.
- Storage temperature condition: -20°C to 70°C at relative air humidity of 85% (non-condensing).
- Wipe off the manometer and bulb with a damp cloth.
- Sterilization is not necessary, since the parts do not come into direct contact with the patient's body.
- Remove the bladder first, and wipe the velcro, bladder and tubes with a damp cloth. The cuff can be washed with soap and cold water like all the other cuffs, but you must rinse the cuffs with clear water afterwards and let them air dry.

TECHNICAL SPECIFICATIONS

Storage temperature:	-20°C to +70°C
Humidity:	15% to 85% relative humidity (no condensing)
Operating temperature:	10°C to 40°C
Measuring range:	0 to 300 mmHg

Measuring resolution:	2 mmHg
Accuracy:	Within +3mmHg in 10°C to 40°C or 2 % whichever is greater
Air leakage:	<±4 mmHg/min
Accessories:	1. Cuff 2. Warranty card

REFERENCE TO STANDARDS

Device corresponds to below requirements: ISO 81060 - 1

DECLARATION

The manufacturer reserves the right to make technical changes without notice in the interest of progress. Prior notices will not be given in case of any amendments within this manual. The mentioned trademarks and names are owned by the corresponding companies.

GIMA WARRANTY TERMS

The Gima 12-month standard B2B warranty applies.

EXPLANATION OF SYMBOLS

	Manufacturer		Imported by
	Caution: read instructions (warnings) carefully		Medical Device compliant with Regulation (EU) 2017/745
	Lot number		Product code
	Medical Device		Consult instructions for use
	Authorized Representative in the European Union		Unique Device Identifier
	Store in a dry and cool place		Store away from sunlight
	Temperature limit		Humidity limit

ASSEMBLY CHART for HS-70D

