

MADE IN FRANCE 

1 - Device identification :

CE Marking	Index of classification	Notified body	PHTALATES LATEX
CE 0459	Im	G-MED	

Aneroid sphygmomanometer is a medical device to measure blood pressure using arm cuff or lower limb cuff.

The sphygmomanometer ORION has a precision manometer, graduated from 0 to 300 mmHg with, with a large luminous dial : Ø 160 mm. The aneroid membrane is treated Beryllium copper. The decompression system is operated by a knob.

The values measured are easy to read due to the size of the dial. Accuracy of ± 3 mm guaranteed throughout the entire measurement range.

The ORION is available in two ranges of arm cuff for NIBP

* Arm cuff "NoxBlack®" are made in fabric. This flexible and robust design can be cleaned in a washing machine with the requirement to remove the bladder.

* Immersible monoblock arm cuff "Easy Cuff®": made in polyurethane coated fabric. it's possible to clean in the washing machine and decontaminate them by immersion with the obligation to close the connection tubes.

- Reliability : an Index and a range "Min-Max" can quickly validate if the product is adapted to the size of the patient.

- Security : to fight against nosocomial infections, immersibles arm cuffs are made in fabric underwent an antimicrobial treatment.

Monobloc arm cuff for single use patient only can be adapted to sphygmomanometer ORION (Cf **3- Identification and characteristics of different subsets**).

2 - References :

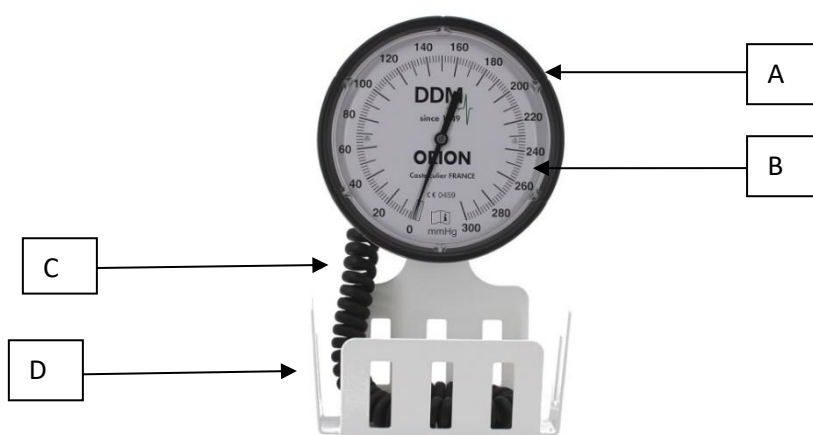


Available with movable stand

Reference	Designation	Circumference in cm	
		Min	Max
T20102	Sphygmomanometer ORION with fabric arm cuff New born	6	12
T20101	Sphygmomanometer ORION with fabric arm cuff Child	11	22
T20100	Sphygmomanometer ORION with fabric arm cuff Adult	26	33
T20103	Sphygmomanometer ORION with fabric arm cuff Adult L	33	41
TE20102	Sphygmomanometer ORION with immersible arm cuff New born	6	12
TE20101	Sphygmomanometer ORION with immersible arm cuff Child	11	22
TE20125	Sphygmomanometer ORION with immersible arm cuff Small Adult	16	28
TE20100	Sphygmomanometer ORION with immersible arm cuff Adult	26	33
TE20103	Sphygmomanometer ORION with immersible arm cuff Large Adult	33	41

3 - Identification and characteristics of different subsets :

Identifier	Reference	Designation	Characteristics
A	A10910	Manometer	Housing : steel and membrane is treated Beryllium copper, brass mechanism
B	A10912	Manometer protector	Silicone
C	A10907	Coiled Tube 48 coils	EPDM
H	A10918	ORION basket	Steel Rilsan® coated



4 - Instructions for use :

- Select a cuff adapted to the morphology of the patient. The size and range of use are indicated on the cuff.
- Position the center of the bladder pocket represented by a heart on the axis of the brachial artery.
- Roll the cuff around the limb.
- Once the cuff positioned and ready to use, the INDEX must be between the Min and Max (axis of the heart). If INDEX exceeds the Max index located at the axis of the heart, replace the cuff by the model of the larger size. If INDEX exceeds Min index located at the tip of the range, replace the cuff by the model of smaller size.
- When the cuff and INDEX are positioned correctly the procedure for measuring blood pressure can begin.
- Correctly roll the cuff around the limb and ensure its continuation with the fastening system provided.
- Place the tips of the lyre of the stethoscope in your ears, the microphone in the listening position, just below the cuff, on the passage of the artery.
- Ensure that the vent screw of the pear is in the closed position 30 and to inflate or 40 mmHg above the estimated pressure. Blood no longer circulates at the microphone, no sound is heard with a stethoscope.
- Loosen the vent screw the bulb to slowly reduce the inflation pressure and allow blood to flow again, the first beats are perceptible stethoscope.
- Read this pressure gauge reading now, this value corresponds to the maximum pressure or systolic pressure.
- Continue decompression beats levied stethoscope amplify then fade to become inaudible.
- Read this moment the pressure indicated, this reading corresponds to the minimum pressure or diastolic pressure.
- Unscrew the knob further relief to completely purge the remaining air in the bladder.
- Remove the cuff.

5 - Maintenance :

- **Control calibration every 12 months for the manometer.**
- In no case shall a liquid get inside the pneumatic part of the cuff, as this may partially or totally damage the electromedical device, or manual measuring device to which the cuff is connected.
- In any case the tubing must be "clamped" using pliers or other instrument not suitable.
- In any case the cuff should not be manipulated using any sharp object.
- Under no circumstances should the cuff be inflated without being wrapped around arms or on lower limb and closed with both parties Velcro or a round tube without cutting part.

6 - Cleaning and disinfection :

Sphygmomanometer :

Spray disinfecting solutions. Do not use detergent, do not immerse.

Arm cuff :

Arm cuff "Easy Cuff®" and "Nox Black Cuff®" cannot be sterilized

1) Dry cleaning :

- A) Spray a detergent, disinfectant, bactericidal foam on the arm cuff, taking care to distribute the product well on the surface.
- B) Leave for 15 minutes.
- C) Do not rinse.
Product recommended : Surface'Safe /Anios

2) Cleaning by immersion :

- A) Arm cuff Nox Black range : remove the bladder's cuff before immersion. In any case the bladder should be submerged.
- B) Arm cuff Easy Cuff range : seal the tube or tubes by means of the closure system provided :
- C) - automatic valve : ref A11300 ; cuff's side + A11308
- Connector with cap: A11360 ; cuff's side + A11302
- Arm cuff with dual output, connect the tubes together
- D) Clean the arm cuff with water or with washing machine. Washing machine at 40 ° (60 ° being the maximum), without a spin cycle. The number of washing machine and the washing temperature decrease the life of the cuff.
- E) Immerse the tube and arm cuff assembly in a decontaminating solution.
- F) Immersion time : 15 minutes.
- G) Rinse thoroughly with water, renewing the dipping bath after each use. Product recommended: Aniosyme DD1 manufactured by Anios.

7 - Storage :

Type of packaging	Storage area	Temperature	Humidity	Atmospheric pressure
Original packaging	Ventilated area	-20° to + 60 °	10 % to 95 %	700 to 1060 hpA

8 – Warranty

This warranty provides assurance for the customer who purchases a D & D product that should the product fail to function to D & D published specifications during the term of this warranty, will either replace or repair.

The guarantee period is 2 (two) years from the date of purchase.

The product must be used in accordance with its labeling and may not be altered or subjected to misuse, abuse, accident or improper handling.