

1 – Device identification

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

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

The sphygmomanometer ORION has a precision manometer, graduated from 0 to 300 mmHg with, with a large luminous dial : \emptyset 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.

Arm cuff are made in nylon fabric. This flexible and robust design can be cleaned in a washing machine to clean them by immersion with the requirement to remove the pocket.

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



Optional : mobile stand



Model presented with arm cuff Nox Black

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2 - References

Reference	Designation	Circumference cm	
		Min	Max
T20102	New born	6	12
T20101	Child	11	22
T20100	Adult	26	33
T20103	Adult L	33	41

3 – Technicals characteristics

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
D	A10226	Complete bulb	PVC phtalates free + ABS
E	BTN201	Arm cuff Nox Black new born	PU coated fabric - high-frequency welding
E	BTN202	Arm cuff Nox Black child	PU coated fabric - high-frequency welding
E	BTN204	Arm cuff Nox Black adult	PU coated fabric - high-frequency welding
E	BTN205	Arm cuff Nox Black adult L	PU coated fabric - high-frequency welding
	A10917	Movable stand on casters	Steel
F	A10919	Automatic clamp	Aluminium
G	A10918	ORION basket	Steel Rilsan® coated



4 – Operating instructions

- 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.

6 - Cleaning :

1) Dry cleaning :

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

2) Cleaning by immersion :

- A) Remove the bladder out of the cuff
- B) 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 decreases the life of the cuff.
- C) Immerse the tube and arm cuff assembly in a decontaminating solution.
- D) Immersion time : 15 minutes.
- E) 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	-10° à 40 ° c	30 to 40 %	500 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.