

1 – Device identification

CE Marking	Index of classification	Notified body	PHTALATES	LATEX
CE 0459	Im	LNE/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 : 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.

Arm cuff are made in antibacterial coated 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.



Model presented with Easy Cuff



Soft Cuff

2 - References

Reference	Designation	Type of cuff	Circumference cm	
			Min	Max
TS20102	New Born	SOFT CUFF	6	12
TS20101	Child	SOFT CUFF	11	22
TS20125	Small adult	SOFT CUFF	16	28
TS20100	Adult	SOFT CUFF	26	33
TS20103	Adult large	SOFT CUFF	33	41
TS20104	Lower limb cuff	SOFT CUFF	39	55
TE20102	New Born	EASY CUFF	6	12
TE20101	Child	EASY CUFF	11	22
TE20125	Small adult	EASY CUFF	16	28
TE20100	Adult	EASY CUFF	26	33
TE20103	Adult large	EASY CUFF	33	41
TE20104	Lower limb cuff	EASY CUFF	39	55

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	BT201	Arm cuff Soft Cuff new born	Coated fabric + antibacterial treatment
E	BT202	Arm cuff Soft Cuff child	Coated fabric + antibacterial treatment
E	BT203	Arm cuff Soft Cuff small adult	Coated fabric + antibacterial treatment
E	BT204	Arm cuff Soft Cuff adult	Coated fabric + antibacterial treatment
E	BT205	Arm cuff Soft Cuff adult L	Coated fabric + antibacterial treatment
E	CT204	Lower limb Soft Cuff adult	Coated fabric + antibacterial treatment

Identifiant	Reference	Designation	Characteristics
E	CT204	Lower limb Soft Cuff adult	Coated fabric + antibacterial treatment
E	BM201	Monobloc Easy Cuff new born	PU coated fabric - high-frequency welding
E	BM202	Monobloc Easy Cuff child	PU coated fabric - high-frequency welding
E	BM203	Monobloc Easy Cuff small adult	PU coated fabric - high-frequency welding
E	BM204	Monobloc Easy Cuff adult	PU coated fabric - high-frequency welding
E	BM205	Monobloc Easy Cuff adult large	PU coated fabric - high-frequency welding
E	CM204	Monobloc lower limb Easy Cuff adult	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.