

**1 – Device identification**

CE Marking	Index of classification	<b><del>PHTALATES LATEX</del></b>
CE	I	

Manual pneumatic tourniquet is used in orthopaedic surgery in order to stop bloodstream on limb.

Manual pneumatic tourniquets are made up of :

Manometer 0-600 mmHg with hand inflator

Sterilizable arm cuff and lower limb cuff with silicone bladder.

The manometer is graduated from 0 to 600 mmHg with a graduated measuring range every 10 mmHg, and an accuracy of  $\pm 5$  mmHg.

The manometer made up of a membrane aneroid beryllium copper treated with quality watch-making mechanism.

Owing to their special, robust design, it is possible to sterilise these arm cuffs and lower limb cuffs. They are composed of an envelope and a removable silicone bladder, makes it easier to maintain.

**Manual tourniquet with sterilizable arm cuff**

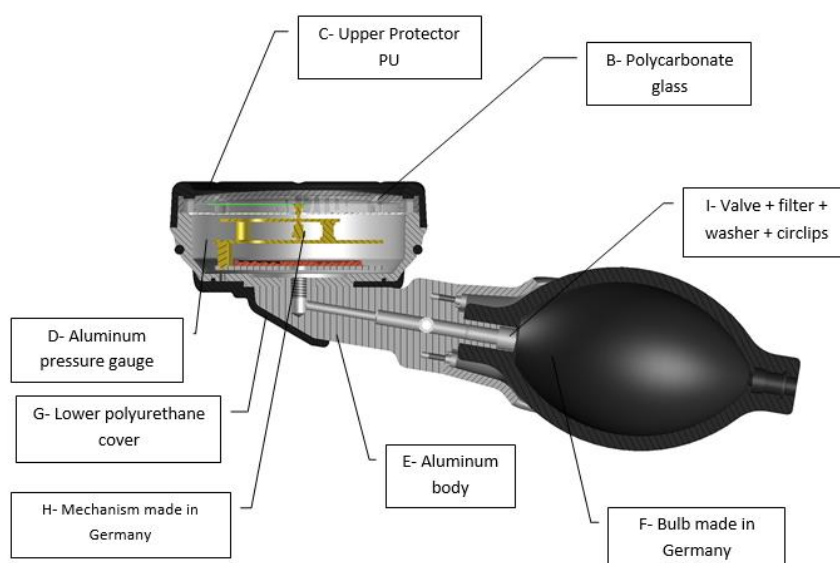


## 2 - References

Reference	Designation
G20154	Manual tourniquet arm cuff/lower limb cuff New born
G20153	Manual tourniquet arm cuff Child
G20155	Manual tourniquet arm cuff Small Adult
G20152	Manual tourniquet arm cuff Adult
G20150	Manual tourniquet lower limb cuff Adult
G20151	Manual tourniquet lower limb cuff Adult L
G20156	Manual tourniquet lower limb cuff Adult XL
G20157	Kit manual pneumatic tourniquet

## 3 – Technicals characteristics

Identifier	Reference	Designation	Characteristic
B	A10362	Glass	Polycarbonate
C	A10363	Upper protector	Polyurethan
D	A10364	Pressure gauge	Aluminium
E	A10365	Body	Aluminium
F	A10226	Bulb	Phtalates - free PVC
G	A10366	Lower cover	Polyurethane
H	A10374	Mechanism 0-600 mmHg	Brass
I	A10368	Valve + filter + washer + circlips	



## 4 – Operating instructions

**Important** : Before using the device for the first time and before cleaning operation, extract the bladder from the cuff.

### Preliminary disinfection

- ✓ Cuff : immerse the envelope in suitable disinfectant solutions for textiles (detergents, decontaminants).
- ✓ Bladder : use disinfectant solutions that have been validated for elastic materials. Do not use disinfectants containing components such as phenols or alkylamines (do not immerse the bladder).

### Cleaning

- ✓ Cuff :
  - Wash the envelope by hand, or in a machine at 40°, in the closed position (to prevent different envelopes becoming attached together). Detergents with neutral pH are recommended for cleaning.
  - Rinse
  - Dry. Machine drying is not recommended.
- ✓ Bladder :
  - Wash the bladder by hand without allowing water to enter through the end of the connector.
  - Detergents with neutral pH are recommended for cleaning. It is imperative to rinse the device correctly with demineralised water in order to remove the residues of disinfectants and detergents (do not immerse the bladder).
  - Rinse
  - Dry

### Sterilization of the repackaged envelope and bladder assembly

In an autoclave at 134° for 18 minutes; presence of residues of detergents or disinfectants can cause hardening or deterioration of the silicone elastomer as well as of the fabric.

- Manometer :
  - Spray disinfecting solutions. Do not use detergent, do not immerse.

## 5 - Maintenance :

Control calibration every 12 months for the manometer.

## 6 - Cleaning :

### 1) **Dry cleaning :**

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

### 2) **Cleaning by immersion (after removing the bag) :**

- A) Remove the arm cuff bag
- 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 arm cuff assembly in a decontaminating solution.
- D) Immersion time : 15 minutes.

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.