

Manual pneumatic tourniquet with sterilizable arm cuff and lower limb cuff with silicone bladder

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Regulatory information

CE Marking	Index of classification	PHTHALATES	LATEX
CE	I		

1 – Device identification

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 ± 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

Dessillons & Dutrillaux

Zone Industrielle La Tuque
 Tél : +33 5 53 48 30 66
 technique@ddmedical.fr

47240 CASTELCULIER
 Fax : +33 5 53 47 24 64
 www.ddmedical.fr

Date of first EC marking certificate :
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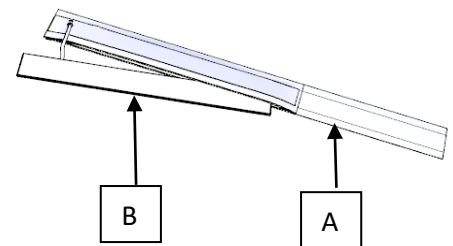
2 - References

Complete device :

Reference	Designation
A10657	Manometer 0-600 mmHg for manual tourniquet
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

Spare parts :

Identifier	Reference	Designation	Characteristics
Arm cuff and lower limb cuff single bladder			
GBS101		Lower limb cuff new born	
A	EGBS101	Cuff	Polyamide
B	PGBS101	Bladder (19 x 4 cm)	Silicone
GBS102		Cuff child	
A	EGBS102	Cuff	Polyamide
B	PGBS102	Bladder (26,5 x 5 cm)	Silicone
GCS102		Lower limb cuff child	
A	EGCS102	Cuff	Polyamide
B	PGCS102	Bladder (35,5 x 6 cm)	Silicone
GBS103		Cuff small adult	
A	EGBS103	Cuff	Polyamide
B	PGBS103	Bladder (35,5 x 6 cm)	Silicone
GCS103		Lower limb cuff small adult	
A	EGCS103	Cuff	Polyamide
B	PGCS103	Bladder (53 x 6 cm)	Silicone
GBS104		Cuff adult	
A	EGBS104	Cuff	Polyamide
B	PGBS104	Bladder (53 x 6 cm)	Silicone
GCS104		Lower limb cuff adult	
A	EGCS104	Cuff	Polyamide
B	PGCS104	Bladder (69 x 9 cm)	Silicone



GCS105		Lower limb cuff adult L	
A	EGCS105	Cuff	Polyamide
B	PGCS105	Bladder (81 x 9 cm)	Silicone
GCS106		Lower limb cuff adult XL	
A	EGCS106	Cuff	Polyamide
B	PGCS106	Bladder (85,5 x 12 cm)	Silicone
Cuff and lower limb cuff with double bladder			
GBS202		Double cuff child / small adult	
D	EGBS202	Cuff	Polyamide
E	PGBS202	Bladder (35,5 x 6 cm) X 2	Silicone
GBS204		Double cuff adult	
D	EGBS204	Cuff	Polyamide
E	PGBS204	Bladder (53 x 6 cm) X 2	Silicone
GCS204		Lower limb double cuff adult	
D	EGCS204	Cuff	Polyamide
E	PGCS204	Bladder (69 x 9 cm) X 2	Silicone
F	A11008	Acetal male connector with O-ring	ACETAL
H	A11322	O-ring	Silicone

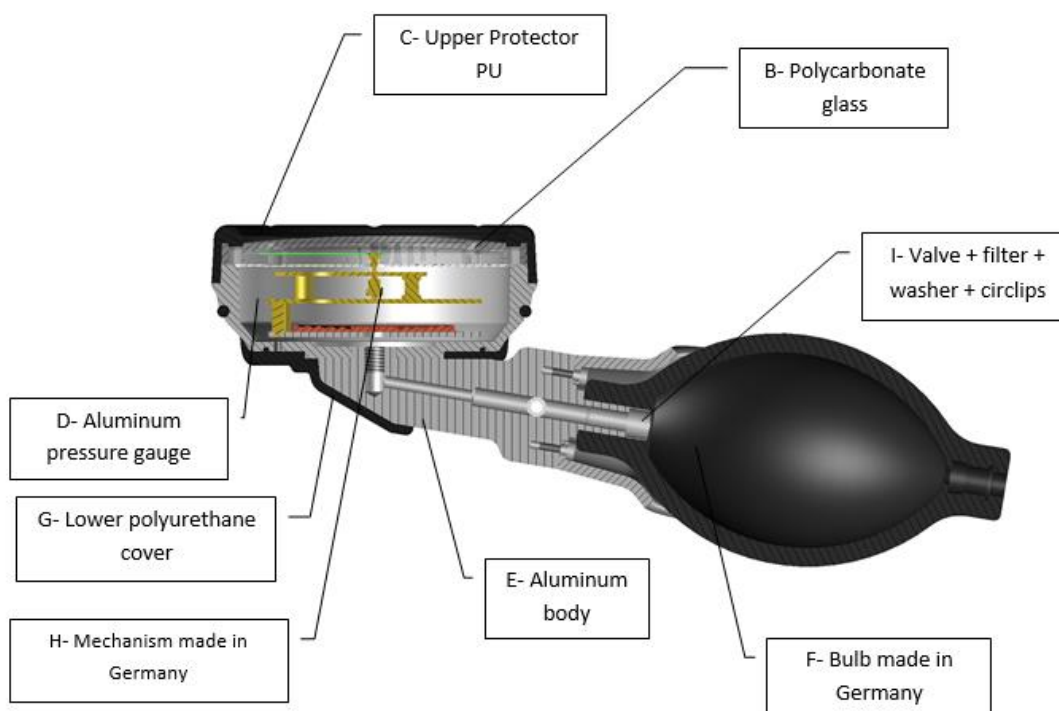
3 – Use of the device – Operating instructions

- **Application of the arm cuff or lower limb cuff on the limb :**
 - Exsanguinate the limb using an Esmarch bandage or by elevating at 45° for 5 to 8 min.
 - Before fitting the tourniquet:
 - check that the tourniquet to be fitted is of the correct size for the limb
 - check that the pocket of the tourniquet is sealed
 - check the quality of the Velcro and seams on the arm cuff / lower limb cuff
 - Position the tourniquet envelope on a protective bandage, previously applied on the skin of the limb on which the tourniquet is to be fitted.

- **Application of the arm cuff or lower limb cuff on the limb :**
 - - Connect the pneumatic extension of arm cuff or lower limb cuff in the manometer's connector.

4 - Identification and characteristics of different subsets

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	



5 - Cleaning and disinfection

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.

6 - Packaging

Reference	Packaging unit
G20154	1
G20153	1
G20155	1
G20152	1
G20150	1
G20151	1
G20156	1
G20157	1

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7 - Storage

Type of packaging	Storage area	Temperature	Humidity	Atmospheric pressure
Original packaging	Ventilated area	-10° to 40 °	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 (years) year 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.