

Tourniquet Systems



Electric Tourniquets / Manual Tourniquet / Tourniquet Cuffs
Tourniquet Consumables / Pressure Infusion



Find our full range of products on www.vbm-medical.de

Here you will find our media centre with additional information such as application videos, brochures, flyers etc.

Disclaimer:

This advertising material includes information of the complete VBM medical device product range.

Whether a medical device is available/ approved in your region must be inquired. Please contact your VBM customer service.

The medical devices in this catalogue are manufactured without the use of natural rubber latex, unless otherwise specified.

The medical devices in this catalogue do not contain phthalates which require labelling according to CLP Regulation (EC) 1272/2008.

[Electric Tourniquets](#)

Tourniquet Touch® TT20	Page 4 – 6
Tourniquet Touch® TT15	

[Manual Tourniquet](#)

Manual Tourniquet	Page 7
-------------------	---------------

[Tourniquet Cuffs](#)

Tourniquet Dispo Cuff	Page 8 – 10
Tourniquet Wipe Cuff	
Tourniquet Silicone Cuff	

[Tourniquet Consumables](#)

Measuring Tape	Page 11 – 12
Tourniquet Sleeve	
Tourniquet Drape	
Cuff Cover	
Esmarch Bandages	
Roll-On Cuff	

[Pressure Infusion](#)

Classic Infusor	Page 13 – 16
Clear Infusor	
Dispo Infusor	

/ Tourniquet Touch® TT20 / TT15

For safe regulation of blood flow occlusion during extremity surgery

The Tourniquet Touch® is an electrically operated surgical tourniquet. It regulates the pressure of a tourniquet cuff which temporarily occludes the blood flow of a patient's upper or lower extremity in order to obtain a bloodless field. User friendly innovations such as fast choice buttons and the specific alarm system simplify the use of the device and ensure patient safety. The system interface is reliable and intuitive and allows easy maintenance for the biomedical engineer (calibration, self test, leak test).

Tourniquet Touch® TT20 with Two Cuff Channels

For use with single cuff, two single cuffs or double cuff.

Tourniquet Touch® TT15 with Cuff Channel and Irrigation Channel

For use with single cuff and pressure infusion cuff.



Tourniquet Touch® TT20

Tourniquet Touch® TT15

Specifications

Display

- 8 inch (800x480 pixel)
- Wide viewing angle (170°)
- Low reflection, mat, anti-glare

Battery

- Lithium ion (14.4V – 93.6 Wh)
- Approx. 8 h backup runtime

USB-Port

- Software updates
- Saving log file for device analysis

Touch Screen

- 100% premium glass
- Easy cleaning and disinfection
- Usable with surgical gloves

Cuff Channel

- Pressure range: 80 – 500 mmHg
- Alarm time: 15 – 120 minutes

Housing

- With integrated handle
- Very robust material
- Easy cleaning and disinfection

Settings

- Defaults allow personalised presetting of time and pressure
- Easy maintenance (calibration, self test, leak test)

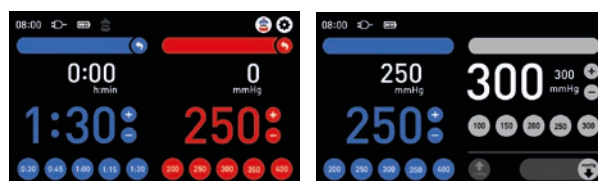
Irrigation Channel (TT15)

- Pressure range: 50 – 300 mmHg

Features

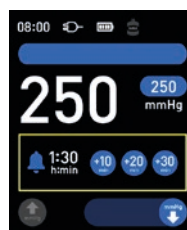
Fast Choice Buttons

- Allow to change pressure and time of preset values with only two touches
- No need to tap arrows and confirmation buttons
- Facilitate immediate pressure changes during surgical procedures



Timer Alarm

- Precise time monitoring during the procedure
- User is warned after reaching the set alarm time
- Extension of alarm time by 10, 20 or 30 minutes



TT20

Intravenous Regional Anaesthesia (IVRA)

- Safety lockout to reduce the risk of accidental cuff deflation and to prevent a sudden loss of IVRA



TT15

Connection Irrigation Channel

- Irrigation port with dedicated connector for pressure infusion cuff to avoid misconnection of tourniquet cuffs
- Pressure is monitored and adjusted constantly to compensate loss of pressure caused by emptying of the fluid bag



Order information

Tourniquet Touch® TT20 / With 3.0 m Coil Connecting Tubing (blue and red), 100 – 240 VAC, height 186 mm, width 263 mm, depth 226 mm, 4.5 kg

REF	QTY / Box
01-20-000	1

Tourniquet Touch® TT15 / With 3.0 m Coil Connecting Tubing (blue and black), 100 – 240 VAC, height 186 mm, width 263 mm, depth 226 mm, 4.5 kg

REF	QTY / Box
01-15-000	1

Additional information



Application video



Flyer Tourniquet Systems

Accessories for Tourniquet Touch®

Features



Handle

- For easy manoeuvring

Cable Hanger

- For placement of cable during transport

Tubing Hanger

- For placement of connecting tubing during transport

Basket

- Large storage capacity
- Possibility to attach a second basket

Cable Conduit

- Inside the column of the stand for strain relief and proper conduit of the cable

Order information

Mobile Stand with Basket / 4 castors with castor lock (2 include ESD), height 939 mm, width 400 mm, depth 400 mm, 8.2 kg

REF	QTY / Box
01-00-100	1

Basket / Basket of 2 kg load capacity, height 185 mm, width 377 mm, depth 196 mm, 0.73 kg

REF	QTY / Box
01-00-110	1

Spare Parts for Tourniquet Touch®



Coil Connecting Tubing /

Colour	Device	Stretched Length 3.0 m	Stretched Length 6.0 m	QTY / Box
Red	TT20	REF 20-20-742	REF 01-00-520	1
Blue	TT20 / TT15	REF 20-20-744	REF 01-00-510	1
Black	TT15	REF 20-20-740	REF 01-00-530	1



Smooth Connecting Tubing /

Colour	Device	Length 4.5 m	QTY / Box
Red	TT20	REF 20-20-942	1
Blue	TT20 / TT15	REF 20-20-944	1

Order information

Order information

Clamp / With tray for horizontal standard rail

REF	QTY / Box
01-00-200	1



Clamp / With tray for vertical pole

REF	QTY / Box
01-00-300	1



/ Manual Tourniquet

Hand inflator with manometer for the autonomous use without electricity and without central air

The manual tourniquet regulates the pressure of a tourniquet cuff which temporarily occludes the blood flow of a patient's upper or lower extremity in order to create a bloodless field.



Order
information

Manual Tourniquet / Hand inflator with manometer, pressure range max. 600 mmHg

With Blue Coil Connecting Tubing and Positive Locking Connector	With Red Coil Connecting Tubing and Positive Locking Connector	QTY / Box
REF 20-18-601	REF 20-18-602	1

Additional
information



Flyer Tourniquet Systems

Tourniquet Dispo Cuff

Tourniquet cuff, for single use



Features

Tourniquet Dispo Cuff is a sterile, single use tourniquet cuff especially suitable for contaminated procedures, preventing against HAI (Hospital-acquired infection). The cuff is available in straight shape (for small or midsize upper extremity) and contour shape (mainly for lower conical shaped extremity) and is provided in different sizes, which are colour coded for optimal cuff selection.

Cuff Design

- Low profile design and lightweight
- Large hook and loop fastener for reliable cuff fixation
- Colour coding makes size selection and ordering easier
- Tubing made of kink-resistant silicone material
- Contour and straight shape
- PVC-free

Packaging

- Packed in dispenser box (4)
- Easy storage due to low profile packaging

Straight Shape

- Cylindrical design
- Does not show any difference in diameter between proximal and distal part

Contour Shape

- Conical design with a smaller diameter distally than proximally when applied
- Occludes the blood flow at lower cuff pressures due to an improved fit to the extremity
- Integrated stiffener to prevent cuff migration

Connection

- Single cuff and double cuff with single port (1+2)
- Single cuff with dual port for use with tourniquet systems with dual port connection (3)

Double Cuff for Intravenous Regional Anaesthesia (IVRA)

- Double cuff with 2 individually inflatable bladders (2)

Order information

Tourniquet Dispo Cuff / Single cuff, for single use, sterile

Length	Width	Colour	Single Port	Dual Port	QTY / Box
20 cm	5 cm	-	REF 20-34-700SLZ-1	REF 20-36-700SLZ-1	10
30 cm	6 cm	■	REF 20-34-710SLZ-1	REF 20-36-710SLZ-1	10
35 cm	8 cm	■	REF 20-34-711SLZ-1	REF 20-36-711SLZ-1	10
46 cm	10 cm	■	REF 20-34-712SLZ-1	REF 20-36-712SLZ-1	10
46 cm	12 cm	■	REF 20-34-715SLZ-1*	REF 20-36-715SLZ-1*	10
61 cm	12 cm	■	REF 20-34-722SLZ-1*	REF 20-36-722SLZ-1*	10
76 cm	12 cm	■	REF 20-34-727SLZ-1*	REF 20-36-727SLZ-1*	10
86 cm	12 cm	■	REF 20-34-728SLZ-1*	REF 20-36-728SLZ-1*	10
107 cm	12 cm	■	REF 20-34-729SLZ-1*	REF 20-36-729SLZ-1*	10

Tourniquet Dispo Cuff / Double cuff, for single use, sterile

Length	Width	Colour	REF	QTY / Box
30 cm	12 cm	■	20-30-710SLZ-1	10
46 cm	15 cm	■	20-30-712SLZ-1	10
61 cm	15 cm	■	20-30-722SLZ-1	10

*Contour shape

Extension Tubing / For single use, sterile

Length	REF	QTY / Box
100 cm	20-39-100-1	5

Additional information



Application arm



Application leg



Brochure



Flyer Tourniquet Systems

Tourniquet Wipe Cuff

Tourniquet cuff, reusable through manual wipe disinfection



Features

Tourniquet Wipe Cuff is a reusable tourniquet cuff made of durable material, suitable for repeated use after wipe disinfection. The cuff is available in straight shape (for small or midsize upper extremity) and contour shape (mainly for lower conical shaped extremity) and is provided in different sizes, which are colour coded for optimal cuff selection.

Cuff Design

- Low profile design and lightweight
- Large hook and loop fastener for reliable cuff fixation
- Colour coding makes size selection and ordering easier
- Tubing made of kink-resistant silicone material
- Contour and straight shape
- PVC-free

Special Features

- Specific inner material dries quickly after wipe disinfection and allows timely reuse of the product
- UDI code for product traceability
- Serial number for tracking of product usage
- Processable up to 100 times (wipe disinfection)

Straight Shape

- Cylindrical design
- Does not show any difference in diameter between proximal and distal part

Contour Shape

- Conical design with a smaller diameter distally than proximally when applied
- Occludes the blood flow at lower cuff pressures due to an improved fit to the extremity
- Integrated stiffener to prevent cuff migration

Double Cuff for Intravenous Regional Anaesthesia (IVRA)

- Double cuff with 2 individually inflatable bladders

Order information

Tourniquet Wipe Cuff / Single cuff, reusable

Length	Width	Colour	REF	QTY / Box
20 cm	7 cm	□	20-75-700	1
30 cm	8 cm	■	20-75-710	1
35 cm	8 cm	■	20-75-711	1
46 cm	10 cm	■	20-75-712	1
46 cm	12 cm	■	20-75-715*	1
61 cm	12 cm	■	20-75-722*	1
76 cm	12 cm	■	20-75-727*	1
86 cm	12 cm	■	20-75-728*	1
107 cm	12 cm	■	20-75-729*	1

Tourniquet Wipe Cuff / Double cuff, reusable

Length	Width	Colour	REF	QTY / Box
30 cm	12 cm	■	20-77-710	1
46 cm	15 cm	■	20-77-712	1
61 cm	15 cm	■	20-77-722	1

*Contour shape

Additional information



Application arm



Application leg



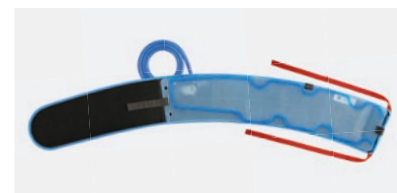
Brochure



Flyer Tourniquet Systems

Tourniquet Silicone Cuff

Tourniquet cuff, reusable through automatic processing



Features

Tourniquet Silicone Cuff is a reusable tourniquet cuff made of durable, heavy-duty material and is suitable for repeated use after sterilization by steam autoclave at a temperature of 134°C for 5 minutes. The cuff is available in straight shape (for small or midsize upper extremity) and contour shape (mainly for lower conical shaped extremity) and is provided in different sizes, which are colour coded for optimal cuff selection.

Cuff Design

- Large hook and loop fastener for reliable cuff fixation
- Colour coding makes size selection and ordering easier
- Tubing made of kink-resistant silicone material
- Positive Locking Connector made of metal including Sealing Cap
- Contour and straight shape
- PVC-free

Special Features

- Silicone bladder, easy to wipe - easy to dry
- UDI code for product traceability
- Serial number for tracking of product usage
- Processable up to 50 times (steam autoclave)

Straight Shape

- Cylindrical design
- Does not show any difference in diameter between proximal and distal part

Contour Shape

- Conical design with a smaller diameter distally than proximally when applied
- Occludes the blood flow at lower cuff pressures due to an improved fit to the extremity
- Specific bladder design (wave pattern) to prevent cuff migration

Double Cuff for Intravenous Regional Anaesthesia (IVRA)

- Double cuff with 2 individually inflatable bladders

Order information

Tourniquet Silicone Cuff / Single cuff, reusable, autoclavable

Length	Width	Colour	REF	QTY / Box
20 cm	2.5 cm	-	20-64-700	1
30 cm	4.5 cm	■	20-64-710	1
35 cm	7 cm	■	20-64-611	1
46 cm	8.5 cm	■	20-64-612	1
46 cm	11 cm	■	20-64-512*	1
61 cm	11 cm	■	20-64-522*	1
76 cm	11 cm	■	20-64-527*	1
86 cm	11 cm	■	20-64-528*	1

Tourniquet Silicone Cuff / Double cuff, reusable, autoclavable

Length	Width	Colour	REF	QTY / Box
30 cm	8 cm	■	20-60-710	1
46 cm	12.5 cm	■	20-60-712	1
61 cm	12.5 cm	■	20-60-722	1

*Contour shape

Sealing Cap / For Tourniquet Silicone Cuff, reusable

REF	QTY / Box
22-60-111	5

Additional information



Application arm



Application leg



Brochure



Flyer Tourniquet Systems

Measuring Tape

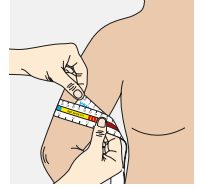
For selection of VBM tourniquet cuffs

- Colour coded, for easy identification of cuff selection

Order information

Measuring Tape / For single use

REF	QTY / Box
20-95-222	50



Tourniquet Sleeve

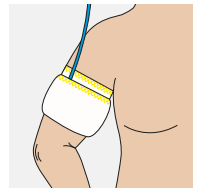
For patient protection

- Protects soft tissues underneath the cuff
- Reduces wrinkling, pinching and shearing of soft tissues

Order information

Tourniquet Sleeve / For single use

Extremity	Colour	Clean Packed	Sterile Packed	QTY / Box
13-18 cm	□	REF 23-00-700	REF 23-00-700-1	10
18-27 cm	■	REF 23-00-710	REF 23-00-710-1	10
25-32 cm	■	REF 23-00-711	REF 23-00-711-1	10
32-43 cm	■	REF 23-00-712	REF 23-00-712-1	10
43-57 cm	■	REF 23-00-722	REF 23-00-722-1	10
57-69 cm	■	REF 23-00-727	REF 23-00-727-1	10
69-79 cm	■	REF 23-00-728	REF 23-00-728-1	10
79-100 cm	■	REF 23-00-729	REF 23-00-729-1	10



Tourniquet Drape

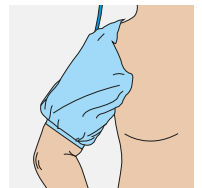
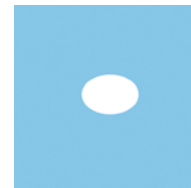
For patient protection

- Isolates the cuff from the sterile field
- Seals against fluid accumulation underneath the cuff to protect the patient from burns associated with skin preparation

Order information

Tourniquet Drape / For single use

Extremity	Clean Packed	QTY / Box	Sterile Packed	QTY / Box
18-45 cm	REF 24-00-100	40	REF 24-00-100-1	10
40-80 cm	REF 24-00-200	40	REF 24-00-200-1	10



Cuff Cover

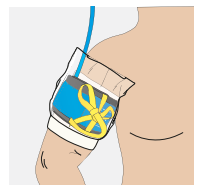
For cuff protection

- Keeps the cuff free from soiling

Order information

Cuff Cover / For single use

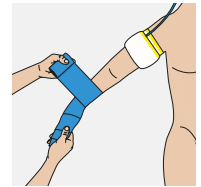
Extremity	Size	Clean Packed	Sterile Packed	QTY / Box
18-43 cm	Small	REF 20-11-111	REF 20-11-111-1	50
40-61 cm	Medium	REF 20-11-333	REF 20-11-333-1	50
58-81 cm	Large	REF 20-11-222	REF 20-11-222-1	50



Esmarch Bandages

For exsanguination

- Available in 4 sizes
- Made of synthetic rubber and powder-free (talcum-free) to avoid possible allergic reactions
- Textured surface for a good grip
- Elastic properties for easy wrapping
- Robust and tear resistant



Order information

Esmarch Bandage / For single use, sterile packed, colour: light blue

Width	Length	REF	QTY / Box
6 cm	365 cm	20-21-060-1	10
8 cm	365 cm	20-21-080-1	10
10 cm	365 cm	20-21-100-1	10
15 cm	365 cm	20-21-150-1	10

Esmarch Bandage / Reusable, autoclavable, colour: dark blue

Width	Length	REF	QTY / Box
6 cm	500 cm	20-20-060	5
8 cm	500 cm	20-20-080	5
10 cm	500 cm	20-20-100	5
15 cm	500 cm	20-20-150	5



Roll-On Cuff

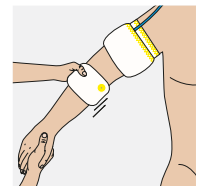
For exsanguination

- Allow fast and easy exsanguination within seconds
- Inflatable exsanguination system
- 100% silicone medical grade
- Quick and efficient procedure
- Full range of sizes available

Order information

Roll-On Cuff / Reusable

Size	Extremity	Colour	REF	QTY / Box
2	26 - 33 cm	Blue	21-95-712	1
3	31 - 40 cm	Yellow	21-95-719	1
4	38 - 49 cm	Red	21-95-722	1
5	47 - 60 cm	Green	21-95-727	1
6	58 - 70 cm	Dark Blue	21-95-729	1



Accessories for Roll-On Cuff

Order information



Hand Inflator for Roll-On Cuff / Manometer 200 mmHg, Connecting Tubing 100 cm with positive locking connectors and inflation needle

REF	QTY / Box
21-95-300	1



Measuring Tape for Roll-On Cuff / Colour coded, for easy identification of Roll-On Cuff

REF	QTY / Box
21-95-111	10



Connecting Tubing for Hand Inflator for Roll-On Cuff / With positive locking connectors and inflation needle, 100 cm

REF	QTY / Box
21-95-302	1



Brake-Block for Roll-On Cuff / Reusable

Size	REF	QTY / Box
Small	21-95-200	1
Large	21-95-201	1

Classic Infusor

Pressure infusion cuff, reusable



500 ml and 1000 ml Version

With double hook, for fixation of different fluid bag configurations.

- Rapid administration of an infusion solution for compensation of fluid/ volume deficiency
- Pressure monitoring and irrigation of the tubing system during invasive, arterial blood pressure monitoring
- Transfusion

3000 / 5000 ml Version

With zipper, allows insertion of different fluid bag configurations.

- Administration of large fluid volumes for irrigation of the operation field

The polyamide material of the Classic Infusor enables easy cleaning & disinfection. Transparent netting for a clear view on the fluid bag and the fluid level. With UDI code for product traceability.



Features



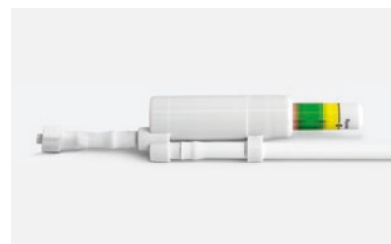
Hand Inflator with Three-Way Stopcock

- Ergonomic hand inflator for inflation
- Three-way stopcock for quick deflation during change of the fluid bag



Manometer

- Pressure range from 0 – 300 mmHg in increments of 10 mmHg
- Robust and durable for accurate pressure monitoring



Colour Coded Pressure Indicator

- 360° pressure indicator facilitates pressure monitoring
- Pressure relief valve to prevent over inflation

Order information

Classic Infusor / Reusable

Version	500 ml	1000 ml	3000 / 5000 ml	QTY / Box
With hand inflator, three-way stopcock and colour coded pressure indicator	REF 58-02-050	REF 58-02-100	-	1
With hand inflator, three-way stopcock and manometer	REF 58-08-050	REF 58-08-100	REF 58-08-300	1
With Luer Lock connection	-	-	REF 58-01-300	1

Additional information



Application video



Brochure



Flyer Tourniquet Systems

Clear Infusor

Pressure infusion cuff, reusable



500 ml and 1000 ml Version

- Rapid administration of an infusion solution for compensation of fluid/ volume deficiency
- Pressure monitoring and irrigation of the tubing system during invasive, arterial blood pressure monitoring
- Transfusion

3000 ml Version

- Administration of large fluid volumes for irrigation of the operation field

Wrap-around design allows fixation of most fluid bag configurations and even pressure distribution. The smooth surface of the PU material enables easy cleaning & disinfection. The transparent material offers a clear 360° view on the fluid bag and fluid level. With UDI code for product traceability.



Features



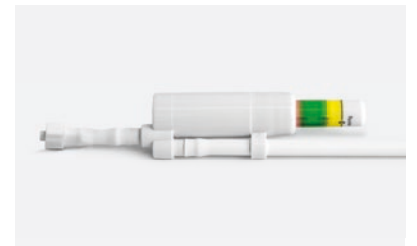
Hand Inflator with Three-Way Stopcock

- Ergonomic hand inflator for inflation
- Three-way stopcock for quick deflation during change of the fluid bag



Manometer

- Pressure range from 0-300 mmHg in increments of 10 mmHg
- Robust and durable for accurate pressure monitoring



Colour Coded Pressure Indicator

- 360° pressure indicator facilitates pressure monitoring
- Pressure relief valve to prevent over inflation

Order information

Clear Infusor / Reusable

Version	500 ml	1000 ml	3000 ml	QTY / Box
With hand inflator, three-way stopcock and colour coded pressure indicator	REF 57-02-050	REF 57-02-100	-	1
With hand inflator, three-way stopcock and manometer	REF 57-08-050	REF 57-08-100	REF 57-08-300	1
With Luer Lock connection	-	-	REF 57-01-300	1

Additional information



Application video



Brochure



Flyer Tourniquet Systems

/ Dispo Infusor

Pressure infusion cuff, for single patient use



500 ml and 1000 ml Version

With hook fastener, for adjustable fixation of different fluid bag configurations.

- Rapid administration of an infusion solution for compensation of fluid/ volume deficiency
- Pressure monitoring and irrigation of the tubing system during invasive, arterial blood pressure monitoring
- Transfusion

3000 ml Version

With hook, for easy fixation of most fluid bag configurations.

- Administration of large fluid volumes for irrigation of the operation field

Transparent netting for a clear view on the fluid bag and the fluid level.



Features



Hand Inflator with Three-Way Stopcock

- Ergonomic hand inflator for inflation
- Three-way stopcock for quick deflation during change of the fluid bag



Colour Coded Pressure Indicator

- 360° pressure indicator facilitates pressure monitoring
- Pressure relief valve to prevent over inflation

Order information

Dispo Infusor / For single patient use

Version	500 ml	1000 ml	3000 ml	QTY / Box
With hand inflator, three-way stopcock and colour coded pressure indicator	REF 56-02-050	REF 56-02-100	REF 56-02-300	5
With Luer Lock connection	-	-	REF 56-01-300	5

Additional information



Application video



Brochure



Flyer Tourniquet Systems

Accessories for Pressure Infusion Cuffs

Order information

Hand Inflator / Reusable

With Three-Way Stopcock and Colour Coded Pressure Indicator	With Three-Way Stopcock	QTY / Box
REF 51-02-666	REF 51-03-666	1



Manometer 300 mmHg / Pressure proved, for fixation to pressure infusion cuff, reusable

REF	QTY / Box
20-17-301	1



A		T	
Accessories for Pressure Infusion Cuffs	16	Tourniquet Consumables for Tourniquet Cuffs	11-12
Accessories for Roll-On Cuff	12	Tourniquet Cuffs	8-10
Accessories for Tourniquet Touch®	6	Tourniquet Dispo Cuff	8
B		Tourniquet Drape	11
Basket for Tourniquet Touch®	6	Tourniquet Silicone Cuff	10
Brake-Block for Roll-On Cuff	12	Tourniquet Sleeve	11
C		Tourniquet Touch® TT15	5
Clamp for Tourniquet Touch®	6	Tourniquet Touch® TT20	5
Classic Infusor	13	Tourniquet Wipe Cuff	9
Clear Infusor	14		
Coil Connecting Tubing for Tourniquet Touch®	6		
Connecting Tubing for Hand Inflator for Roll-On Cuff	12		
Connecting Tubing for Tourniquet Touch®	6		
Cuff Cover	11		
D			
Dispo Infusor	15		
E			
Electric Tourniquets	4-6		
Esmarch Bandages	12		
Extension Tubing for Tourniquet Dispo Cuff	8		
H			
Hand Inflator for Pressure Infusion Cuffs	16		
Hand Inflator for Roll-On Cuff	12		
M			
Manometer 300 mmHg for Pressure Infusion Cuffs	16		
Manual Tourniquet	7		
Measuring Tape for Roll-On Cuff	12		
Measuring Tape for VBM Tourniquet Cuffs	11		
Mobile Stand with Basket for Tourniquet Touch®	6		
P			
Pressure Infusion	13-16		
Pressure Infusion Cuffs	13-15		
R			
Roll-On Cuff	12		
S			
Sealing Cap for Tourniquet Silicone Cuff	10		
Smooth Connecting Tubing for Tourniquet Touch®	6		
Spare Parts for Tourniquet Touch®	6		

As turnkey supplier, VBM offers
the whole range of accessories around Tourniquet



One Stop Shopping



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