



Tourniquet **Touch.**

The new generation of Tourniquets with touch screen technology

 Premium Quality „Made in Germany“



touch the future.

With the development of Tourniquet Touch, VBM has set up a new milestone in the manufacturing of modern Tourniquet combining quality, safety and simplicity.

Optimal precision and high performance of components provide the best possible environment for safe surgical procedures in OR and ambulatory surgery. The large 8" touch screen interface displays clear information regarding pressure and inflation time. User friendly innovations such as Fast Choice Buttons and specific alarm program simplify the use of the device and reinforce patient safety. Longer power failures can be easily overcome by the powerful Lithium-Ion battery to guarantee safe continuation of the procedure.

The very robust housing makes cleaning and disinfection very easy due to the non-sensitive surface of the device.

The Tourniquet Touch is compatible with all VBM cuffs.

Tourniquet Touch TT20 with two cuff channels



Main Specifications

Touch Screen

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

Display

- 8" (800 x 480 pixel)
- Wide viewing angle (178°)
- Low reflection, mat, anti-glare

Battery

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

Supply Voltage

- 100 – 240VAC

Weight and Dimensions

- 4.5 kg
- Height 186 mm | Width 263 mm
Depth 226 mm

Tourniquet Touch TT15 with cuff channel and irrigation channel



FEATURES TT20



For use with

- Single Cuff
- Double Cuff for Intravenous Regional Anaesthesia (IVRA)
- Two Single Cuffs for bilateral surgery

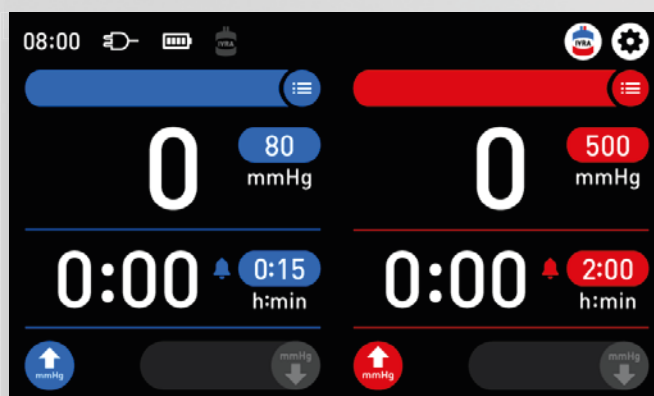


Housing

- With integrated handle
- Very robust material
- UV-resistant
- Surface allows easy cleaning and disinfection

USB-Port

- Software Updates
- Saving log file for device analysis



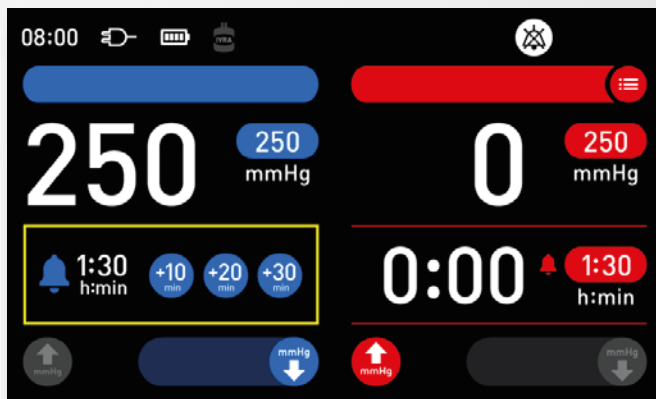
Pressure | Time Range

- Pressure Range:
80 – 500 mmHg
- Time Range:
0:15 – 2:00 h



Fast Choice Buttons

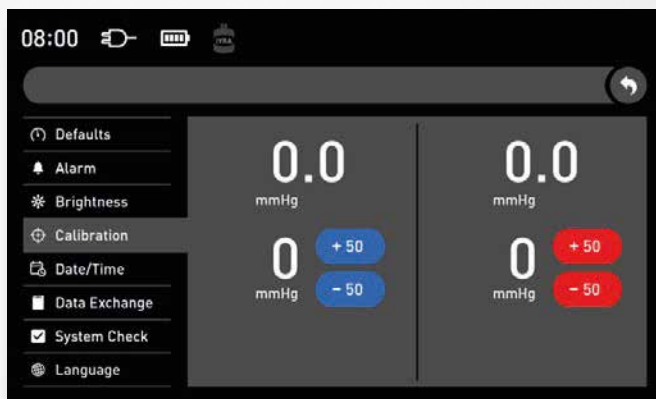
- Allow to change pressure and time to the preset values with only two touches
- No need to tap arrows and confirmation buttons
- For max. patient safety in case that immediate pressure changes are required during the surgical procedure



Timer Alarm

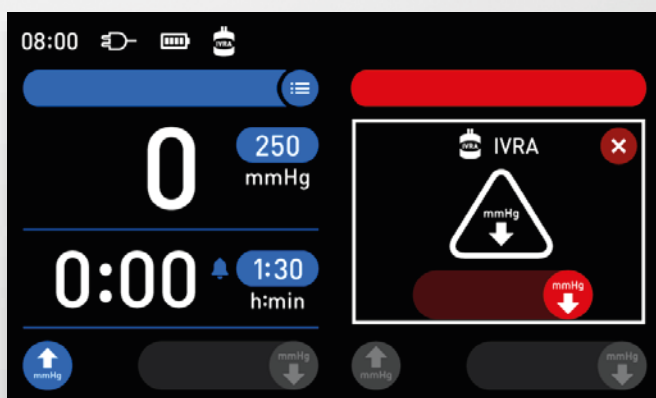
Precise time monitoring of procedure

- User is warned after reaching the set alarm time
- Add additional time to elapsed inflation time (10, 20 or 30 minutes)



Settings

- Defaults allow personalized presetting of time and pressure
- Quick access to the display features of the Tourniquet Touch
- Easy maintenance for biomedical engineer (calibration, self test, leak test)
- 14 different languages



Intravenous Regional Anaesthesia (IVRA)

Safety Lockout

- To reduce the risk of unintentional cuff deflation
- To prevent the hazard of a sudden loss of IVRA

FEATURES TT15



For use with

- Single Cuff
- Pressure Infusion Cuff for irrigation

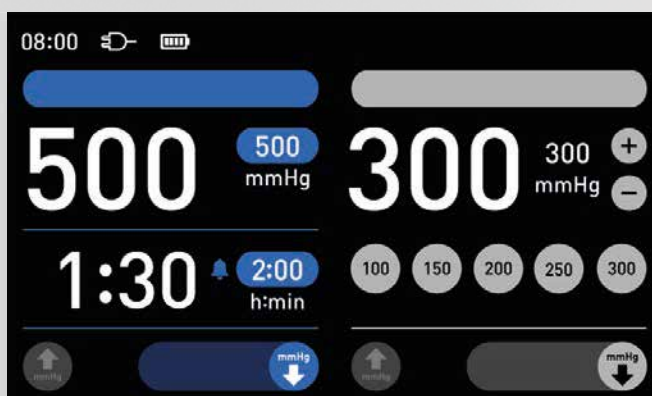


Housing

- With integrated handle
- Very robust material
- UV-resistant
- Surface allows easy cleaning and disinfection

USB-Port

- Software Updates
- Saving log file for device analysis



Pressure | Time Range

Cuff Channel

- Pressure Range:
80 – 500 mmHg
- Time Range:
0:15 – 2:00 h

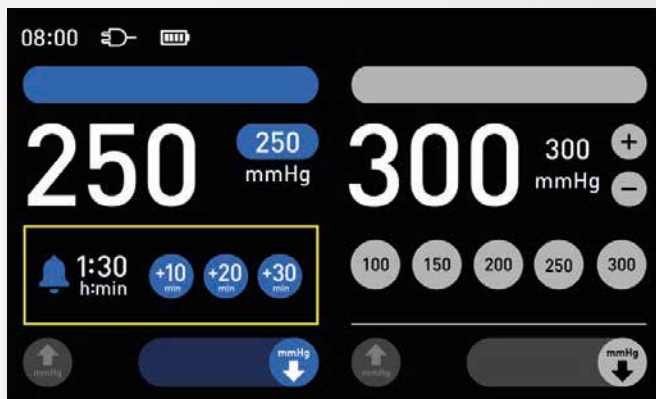
Irrigation Channel

- Pressure Range:
50 – 300 mmHg



Fast Choice Buttons

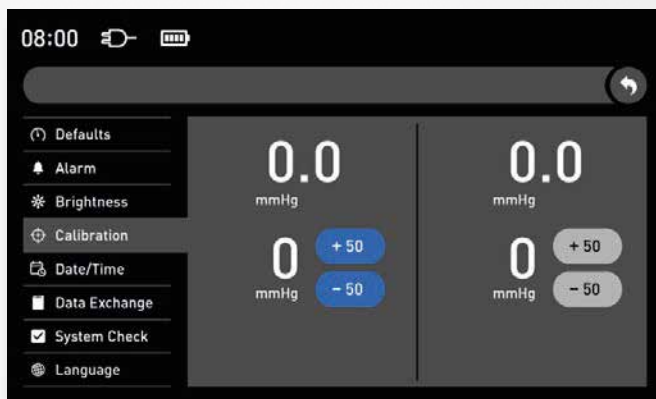
- Allow to change pressure and time to the preset values with only two touches
- No need to tap arrows and confirmation buttons
- For max. patient safety in case that immediate pressure changes are required during the surgical procedure



Timer Alarm

Precise time monitoring of Tourniquet Cuff procedure

- User is warned after reaching the set alarm time
- Add additional time to elapsed inflation time (10, 20 or 30 minutes)



Settings

- Defaults allow personalized presetting of time and pressure
- Quick access to the display features of the Tourniquet Touch
- Easy maintenance for biomedical engineer (calibration, self test, leak test)
- 14 different languages



Connection Irrigation Channel

- Irrigation port with dedicated connector for Pressure Infusion Cuff avoids misconnection
- Pressure is monitored and adjusted constantly to compensate loss of volume

MOBILE STAND

Handle

- Easy to manoeuvre
- Protection against collision

Cable Hanger

- For placement of cable during transport
- Protection against collision

Tubing Hanger

- For placement of connecting tubing during transport

Basket

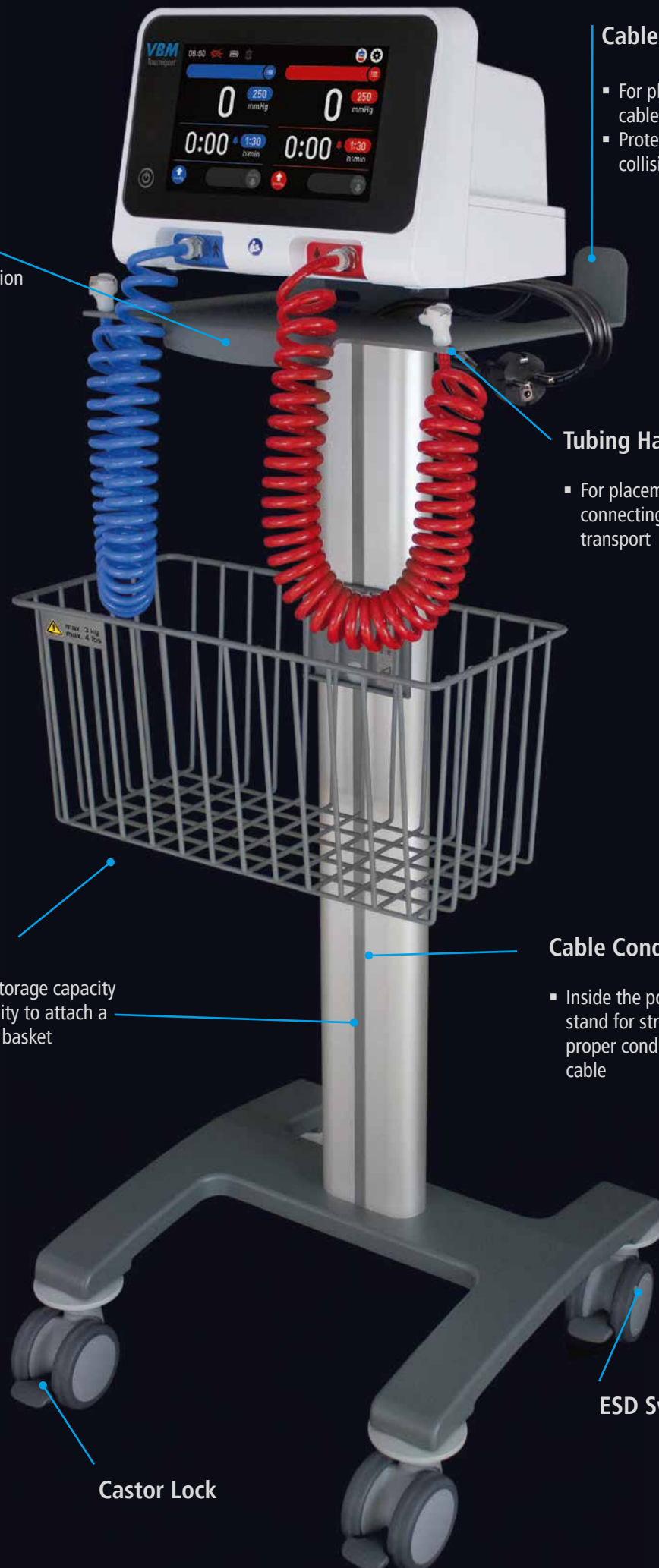
- Large storage capacity
- Possibility to attach a second basket

Cable Conduit

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

Castor Lock

ESD Swivel Castor



ACCESSORIES TT15 & TT20

Connecting Tubing



For Cuff Channel

- Coil connecting tubing, blue/red, stretched length 3.0 m | 6.0 m
- Smooth connecting tubing blue/red 4.5 m

For Irrigation Channel

- Coil connecting tubing, black, stretched length 3.0 m | 6.0 m

Mobile Stand with Basket



- With one basket of 2 kg load capacity
- 4 castors with lock (2 include ESD)

Dimensions

- Height 939 mm | Width 400 mm | Depth 400 mm

Weight

- 8.2 kg

Basket



Dimensions

- Height 185 mm | Width 377 mm | Depth 196 mm

Weight

- 0.73 kg

TOURNIQUET CUFFS – REUSABLE

The Economical Solution Reusable Range



Fabric Cuff



Slim Cuff



Silicone
Velcro
Cuff

- Single and double cuff
- Straight shape and contour shape
- Colour coded for optimal cuff selection
- Heavy duty silicone bladder
- Low profile design (welded bladder)
- Manufactured without the use of natural rubber latex and PVC-free

Fabric Cuff	Slim Cuff	Silicone Velcro Cuff
✓		✓
✓	✓	✓
✓	✓	✓
✓		✓
	✓	
✓	✓	✓



Silicone Velcro Cuff



- Cost-effective by validated reprocessing program
- Safe in use after proper cleaning and inspection
- Waste reduction due to reuse
- Wipe disinfection
- Easy to clean and dry quickly
- Autoclavable 134 °C (273 °F)

	Fabric Cuff	Slim Cuff	Silicone Velcro Cuff
Cost-effective by validated reprocessing program	✓	✓	✓
Safe in use after proper cleaning and inspection	✓	✓	✓
Waste reduction due to reuse	✓	✓	✓
Wipe disinfection	✓	✓	✓
Easy to clean and dry quickly		✓	✓
Autoclavable 134 °C (273 °F)			✓

TOURNIQUET CUFFS – SINGLE USE

Safety First Disposable Range



Dispo Cuff

- Prevention against HAI (Hospital-acquired infection)
- For contaminated procedures
- Straight shape and contour shape
- Full range of single and double Cuff
- Colour coded for optimal cuff selection
- Low profile design
- Sterile packed
- For single use
- Manufactured without the use of natural rubber latex and PVC-free

Dispenser Box

- Colour coding makes size selection and ordering easier
- Easy storage
- Low profile packaging saves space

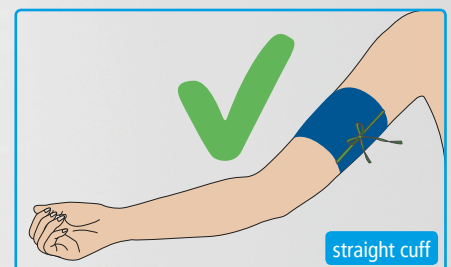
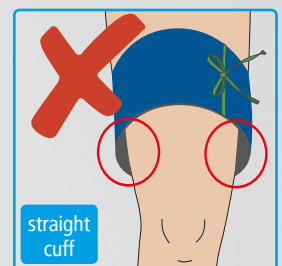


CUFF DESIGN

The VBM range covers Single- and Double Cuffs in all sizes, for both straight and contour shapes and in reusable and single use versions

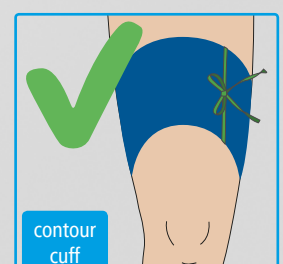
Straight Shape

- Cylindrical design
- Does not show any difference in diameter between proximal and distal part
- Large hook and loop fastener for reliable cuff fixation
- For small or midsize upper extremity

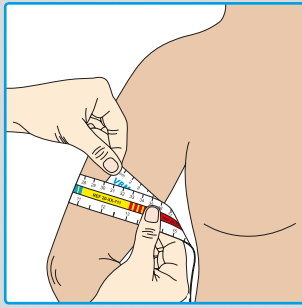


Contour Shape

- Arced design with a smaller diameter distally than proximally when applied
- Occludes the blood flow at lower pressures due to an improved fit to the extremity
- Recommended when the extremity is particularly muscular and for use on obese patients to avoid the risk of mechanical shearing
- For lower conical shaped extremity „mostly“
- Large hook and loop fastener for reliable cuff fixation

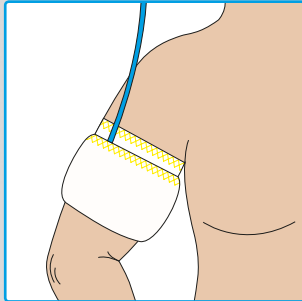


ACCESSORIES TOURNIQUET CUFFS



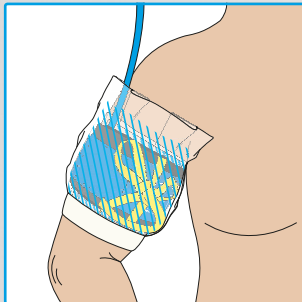
Measuring Tape

- Colour coded, for easy identification of patient extremity and optimal cuff selection
- For single use



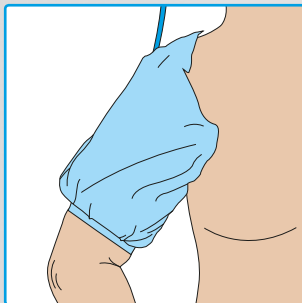
Tourniquet Sleeve

- Protects soft tissues underneath the cuff
- Reduces wrinkling, pinching and shearing of soft tissues
- Sterile and non-sterile version
- For single use



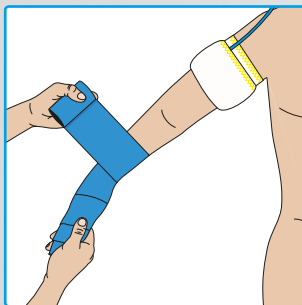
Cuff Cover

- Keeps the cuff free from soiling
- Sterile and non-sterile version
- For single use



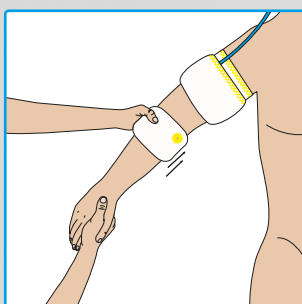
Tourniquet Drape

- Isolates the cuff from the sterile field
- Seals against fluid accumulation underneath the cuff to protect the patient from burns associated with skin preparation
- Sterile and non-sterile version
- For single use



Esmarch Bandage

- Allows safe exsanguination of any extremity
- Large range of sizes available in 5 different widths
- Reusable version
- Single use version, sterile



Roll-On Cuff

- Unique and exclusive inflatable exsanguination system
- 100 % silicone medical grade
- Quick and efficient procedure
- Full range of sizes available
- Reusable

Exsanguination

Esmarch Bandage
Roll-On Cuff

Patient protection

Sleeve
Drape

Cuff selection and protection

Cuff Cover
Measuring Tape



ORDER INFORMATION

Tourniquet Touch



Tourniquet TT20

- With two cuff channels
- 3.0m coil connecting tubing (blue and red)

REF 01-20-000

Tourniquet TT15

- With cuff channel and irrigation channel
- 3.0m coil connecting tubing (blue and black)

REF 01-15-000

Mobile Stand



- With basket

REF 01-00-100

Basket



- Separately

REF 01-00-110

Connecting Tubing



TT20

TT20 + TT15

TT15

	Red	Blue	Black
	<ul style="list-style-type: none"> ▪ For Tourniquet Cuff ▪ Positive Locking Connector male and female 	<ul style="list-style-type: none"> ▪ For Tourniquet Cuff ▪ Positive Locking Connector male and female 	<ul style="list-style-type: none"> ▪ For Pressure Infusion Cuff ▪ Positive Locking Connector female and Luer Lock male
Length			
3.0m coil	REF 20-20-742	REF 20-20-744	REF 20-20-740
6.0m coil	REF 01-00-520	REF 01-00-510	REF 01-00-530
4.5m smooth	REF 20-20-942	REF 20-20-944	—

Single Cuff



Patient	Length	Colour	Dispo Cuff ▪ For single use ▪ Box of 10	Fabric Cuff ▪ Washable ▪ Box of 1	Slim Cuff ▪ Washable ▪ Box of 1	Silicone Velcro Cuff ▪ Autoclavable ▪ Box of 1
Infant	20 cm	—	REF 20-34-700SLZ-1	REF 20-54-700	REF 20-74-700	REF 20-64-700
Child	30 cm	●	REF 20-34-710SLZ-1	REF 20-54-710	REF 20-74-710	REF 20-64-710
Arm	35 cm	●	REF 20-34-711SLZ-1	REF 20-54-711	REF 20-74-711	REF 20-64-611
Arm	46 cm	●	REF 20-34-712SLZ-1	REF 20-54-712	REF 20-74-712	REF 20-64-612
Arm/Lower Leg	46 cm	●	REF 20-34-715SLZ-1*	REF 20-54-512*	REF 20-74-715*	REF 20-64-512*
Leg	61 cm	●	REF 20-34-722SLZ-1*	REF 20-54-522*	REF 20-74-722*	REF 20-64-522*
Leg	76 cm	●	REF 20-34-727SLZ-1*	REF 20-54-527*	REF 20-74-727*	REF 20-64-527*
Leg	86 cm	●	REF 20-34-728SLZ-1*	REF 20-54-528*	REF 20-74-728*	REF 20-64-528*
Leg	107 cm	●	REF 20-34-729SLZ-1*	REF 20-54-729	REF 20-74-729*	—

Double Cuff for Intravenous Regional Anaesthesia (IVRA)

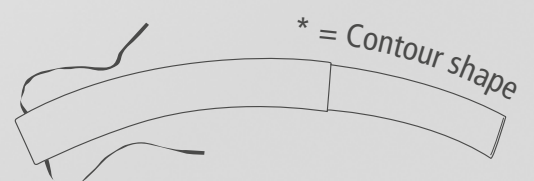


Patient	Length	Colour	Dispo Cuff ▪ For single use ▪ Box of 10	Fabric Cuff ▪ Washable ▪ Box of 1	Silicone Velcro Cuff ▪ Autoclavable ▪ Box of 1
Infant	20 cm	—	—	REF 20-50-700	—
Child	30 cm	●	REF 20-30-710SLZ-1	REF 20-50-710	—
Arm	35 cm	●	—	REF 20-50-711	REF 20-60-711
Arm	46 cm	●	REF 20-30-712SLZ-1	REF 20-50-712	REF 20-60-712
Leg	61 cm	●	REF 20-30-722SLZ-1	REF 20-50-722	REF 20-60-722
Leg	76 cm	●	—	REF 20-50-727	—
Leg	86 cm	●	—	REF 20-50-728	—
Leg	107 cm	●	—	REF 20-50-729	—

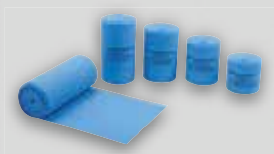
Measuring Tape



For single use	Box
REF 20-95-222	50



Esmarch Bandage



Width	Length	Reusable	Box	Width	Length	For single use, sterile packed	Box
6 cm	5 m	REF 20-20-060	5	6 cm	4 m	REF 20-21-060-1	10
8 cm	5 m	REF 20-20-080	5	8 cm	3 m	REF 20-23-080-1	10
—	—	—	—	8 cm	4 m	REF 20-21-080-1	10
10 cm	5 m	REF 20-20-100	5	10 cm	4 m	REF 20-21-100-1	10
12 cm	5 m	REF 20-20-120	5	—	—	—	—
15 cm	5 m	REF 20-20-150	5	15 cm	4 m	REF 20-21-150-1	10

Roll-On Cuff



Size	Extremity	Colour	Reusable	Box
1	20–28 cm	○	REF 21-95-711	1
2	26–33 cm	●	REF 21-95-712	1
3	31–40 cm	●	REF 21-95-719	1
4	38–49 cm	●	REF 21-95-722	1
5	47–60 cm	●	REF 21-95-727	1
6	58–70 cm	●	REF 21-95-729	1

Accessories Roll-On Cuff



Hand Pump with manometer	Hand Inflator with manometer	Brake-Block	Measuring Tape
<ul style="list-style-type: none"> 200 mmHg Box of 1 	<ul style="list-style-type: none"> 200 mmHg Box of 1 	<ul style="list-style-type: none"> Reusable Box of 1 	<ul style="list-style-type: none"> Color coded Box of 10
REF 21-95-350	REF 21-95-300	Small REF 21-95-200 Large REF 21-95-201	REF 21-95-111

Tourniquet Sleeve



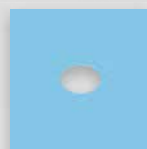
Patient	Size	Colour	Clean packed	Sterile packed	Box
Infant	≤ 20 cm	○	REF 23-00-700	REF 23-00-700-1	10
Child	≤ 30 cm	●	REF 23-00-710	REF 23-00-710-1	10
Arm	≤ 35 cm	●	REF 23-00-711	REF 23-00-711-1	10
Arm	≤ 46 cm	●	REF 23-00-712	REF 23-00-712-1	10
Leg	≤ 61 cm	●	REF 23-00-722	REF 23-00-722-1	10
Leg	≤ 76 cm	●	REF 23-00-727	REF 23-00-727-1	10
Leg	≤ 86 cm	●	REF 23-00-728	REF 23-00-728-1	10
Leg	≤ 107 cm	●	REF 23-00-729	REF 23-00-729-1	10

Cuff Cover



Size	Clean packed	Box	Sterile packed	Box
Small	REF 20-11-111	50	REF 20-11-111-1	50
Medium	REF 20-11-333	50	REF 20-11-333-1	50
Large	REF 20-11-222	50	REF 20-11-222-1	50

Tourniquet Drape



Size	Clean packed	Box	Sterile packed	Box
Arm	REF 24-00-100	40	REF 24-00-100-1	10
Leg	REF 24-00-200	40	REF 24-00-200-1	10
Leg, extra large	REF 24-00-300	40	REF 24-00-300-1	10

Pressure Infusion Cuff for irrigation – for use with TT15 only

Dispo Infusor



- 3000 ml
- Pocket design with hook
- For single use
- With female Luer Lock

REF 56-01-300

Infusor 3000



- 3000 ml
- Transparent wrap-around design with hook
- Reusable
- With female Luer Lock

REF 57-01-300

Pressure Infusion Cuff



- 3000 ml / 5000 ml
- Pocket design with zip
- Reusable
- With female Luer Lock

REF 52-01-300*

*Contains or presence of natural rubber latex.

ADDITIONAL INFO

Website



Application video



Media Center



The medical devices in this advertising material are manufactured without the use of natural rubber latex, unless otherwise specified.
The medical devices in this advertising material do not contain phthalates which require labelling according to CLP Regulation (EC) 1272/2008.



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