

# Surgery

Tourniquets and Cuffs



*For better care!*

**Hpm**<sup>™</sup>

## Hpm Products

We challenge ourselves and our environment to be better and do things better. We are guided by our expertise, passion, curiosity, creativity, flexibility and joy of finding new medical solutions. In close co-operation with our customers, we want to contribute to the best possible medical care.

### Intended for use



The Tourniquet systems intended use is to achieve and maintain a bloodless field in the upper and/or lower extremities. Our double tourniquets also have the ability to perform IVRA/Bier's Block procedures.



Hpm™ roll-on cuff system is a contemporary Esmarch bandage.

The intended use of Hpm™ roll-on cuff system is to create and maintain bloodless field in extremities during operations in bloodless field. Our cuff is efficient, quick to use compared to traditional equipment, safe and need no electricity or compressed air.

## Electronic Tourniquets

Our tourniquet line consists of two models, single and double, of tourniquets for use in orthopaedic surgery, hand surgery and plastic surgery. The line includes models with touch screen, built-in compressors and micro-processors with alarms, memory etc.

We offer hospitals and clinics highly sophisticated, computerized electronic tourniquets for single and double cuff.

# Hpm™ Electronic tourniquets, 800-series

## Hpm™ Tourniquet 800-series

### Art. no.

**800-20** single,  
with NiMH battery back-up

**800-40** double,  
with NiMH battery back-up

The tourniquets are delivered with spiral hose and power cord.



- Safety design: According to the recent 3rd edition of IEC 60601-1
- Touch screen, no buttons
- Safe for patient and clinical staff
- Simple maintenance
- Computerized memory
- Quiet
- Modern design
- Intuitive user interface, easy to use
- Small and light weight
- Possible to customize settings
- Printer option
- Self test during start up
- Easy to clean

## Specification

	<b>800-20</b>	<b>800-40</b>
	<b>HxWxD</b>	<b>HxWxD</b>
<b>Dimension (mm)</b>	195x200x145	195x200x145
<b>Medical Device Directive</b>	Class II, Type A	Class II, Type A
<b>Line power</b>	100-240 VAC	100-240 VAC
<b>Port/Cuff connector</b>	CPC female	2 x CPC female
<b>Cuff pressure</b>	50-550 mmHg	50-550 mmHg
<b>Regulation</b>	+/- 5 mmHg	+/- 5 mmHg
<b>Weight</b>	2,5 kg	2,5 kg
<b>Battery capacity safe mode</b>	9 hours	9 hours
<b>Battery capacity regulating</b>	4 hours	4 hours
<b>Inflate time</b>	5 seconds	5 seconds
<b>Printer interface</b>	USB	USB

## Electronic tourniquets, accessories



### **Stand for Tourniquet system.**

Anti-static castors serve to divert static charges.

Two wheels are equipped with brakes.

Slim design for easy storage when not in use.

Made of chrome steel for easy cleaning.

Basket included.

The clamp is not included in the stand.

**Art. no. 400-45**



### **Clamp 800-series**

For mounting the Tourniquet to infusion/IV pole.

Adjustable 0-37 mm.

**Art. no. 800-25**

## Electronic tourniquets, accessories



### **Basket**

Including fastening devices.

**Art. no. 400-85**

### **Printer for Tourniquet 800-series**

**Art. no. 800-10**

### **Label roll for printer**

**Art. no. 800-11**



### **Spiral hose with CPC male/CPC female connectors.**

The hose is 4,5 m long and Phthalate free.

**Art. no. Blue 400-250**

**Red 400-255**



### **Spiral hose with CPC male/Luer lock female connectors.**

The hose is 4,5 m long and Phthalate free.

**Art. no. Blue 200-25**

**Red 200-35**

## Hpm™ Tourniquet cuffs, disposable



- ETO Sterilized
- 2 m long hose made of TPU
- Straight and Conical
- No Latex
- Wide range of sizes
- Color coded
- Customized stockinett included
- CPC male as standard
- Soft and easy to apply
- High quality material

### Single disposable cuffs

Art. no.		Total length (cm)	Width (cm)	Total length (inch)	Width (inch)
15-100		20	5	8	2
15-110		30	8	12	3
15-120		38	10	15	4
15-130		46	10	18	4
15-140		61	10	24	4
15-150		76	13	30	5
15-160		86	13	34	5
15-170		96	13	38	5
15-180		109	13	43	5

Note! All sizes are valid with +/- 1 cm width and length

## Hpm™ Tourniquet cuffs, disposable

### Single disposable conical cuffs

Art. no.		Total length (cm)	Width (cm)	Total length (inch)	Width (inch)
75-140		61	10	24	4
75-150		76	10	30	4
75-160		86	11	34	4
75-170		109	13	43	5

Note! All sizes are valid with +/- 1 cm width and length

### Double disposable cuffs

Art. no.		Total length (cm)	Width (cm)	Total length (inch)	Width (inch)
25-100		25	10	10	4
25-110		36	10	14	4
25-120		51	15	20	6
25-140		66	15	26	6
25-160		81	15	32	6

Note! All sizes are valid with +/- 1 cm width and length

## Tourniquet cuffs, autoclavable

- Many different sizes of both single and double cuffs.
- Both washable and autoclavable cuffs.
- No risk for latex allergy.
- Velcro and strap with plastic clamp for increased safety.

### Single autoclavable cuffs

Art. no.		Total length (cm)	Width (cm)	Total length (inch)	Width (inch)
35-100		39	4	15,4	1,6
35-110		47	6	18,5	2,4
35-115		51	10	20,1	3,9
35-120		53	8	20,9	3,1
35-130		65	12	25,6	4,7
35-140		78	12	30,7	4,7
35-145		86	14	33,9	5,5
35-150		93	13	36,6	5,1
35-160		102	13	40,2	5,1
35-170		128	13	50,4	5,1

Note! All sizes are valid with +/- 1 cm width and length

## Tourniquet cuffs, autoclavable



### Double autoclavable cuffs

Art. no.		Total length (cm)	Width (cm)	Total length (inch)	Width (inch)
45-90		31	7	12,2	2,8
45-100		41	7	16,1	2,8
45-105		46	10	18,1	3,9
45-110		50	10	19,7	3,9
45-120		67	17	26,4	6,7
45-130		82	17	32,3	6,7
45-140		100	17	39,4	6,7
45-150		125	17	49,2	6,7

Note! All sizes are valid with +/- 1 cm width and length

## Roll-on cuffs

### Hpm™ roll-on cuff system

The Hpm™ roll-on cuff is a complete system in order to create and keep bloodless field in extremities during operations in bloodless field. The cuff is efficient, simple and safe to use and need no electricity or compressed air.

You can either use only the roll-on cuffs to empty the extremities of blood, or use them along with our usual cuffs to empty and maintain bloodless field.

The design secures an ideal pressure over the systolic pressure against the extremity within the working range of each cuff and can be sterilized.

Our roll-on cuffs are made of silicone thus no risk for latex allergy.

Working areas for the cuffs:

- Orthopaedic surgery
- Vein surgery
- Leg and arm surgery
- Emergency care

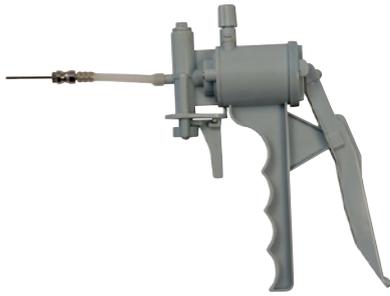


### Roll-on cuffs

<b>Art. no.</b>	<b>Patient limb size</b>
<b>2531</b>	25-31 cm
<b>3038</b>	30-38 cm
<b>3746</b>	37-46 cm
<b>4556</b>	45-56 cm
<b>5565</b>	55-65 cm
<b>6480</b>	64-80 cm



## Roll-on cuffs



**Vacuum pump**  
Art. no. 9007



**Handpump (bladder)**  
including manometer  
Art. no. 9005



**Special wedge**  
Rubber, no risk for latex allergy  
Art. no. 9001



**Measuring tape**  
Art. no. 9004



**Hose with needle and nipple**  
Acc. to pump art.no. 9005  
Art. no. 9003



### **Roll-on cuff set Standard**

The set consists of:  
2531, 3038, 3746, 4556, 5565,  
2 x 9001, 9003, 9004, 9005 and 9007.

**Art. no. 9100**

### **Roll-on cuff set Leg**

The set consists of:  
3038, 3746, 4556, 5565, 6480, 2 x 9001,  
9003, 9004, 9005 and 9007.

**Art. no. 9200**

## Hpm offer

Medical solutions in the areas of Surgery, Disposables and Custom.

Our mission is to develop, manufacture and sell innovative and effective solutions for the health care industry and thereby contribute to the continuous improvement of the same.



Version: 2016:2 2016-03-21

# Hpm<sup>TM</sup>

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