



Military & Disaster Medicine



VBM *Medizintechnik GmbH*



Summary



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Tourniquet Systems and Cuffs

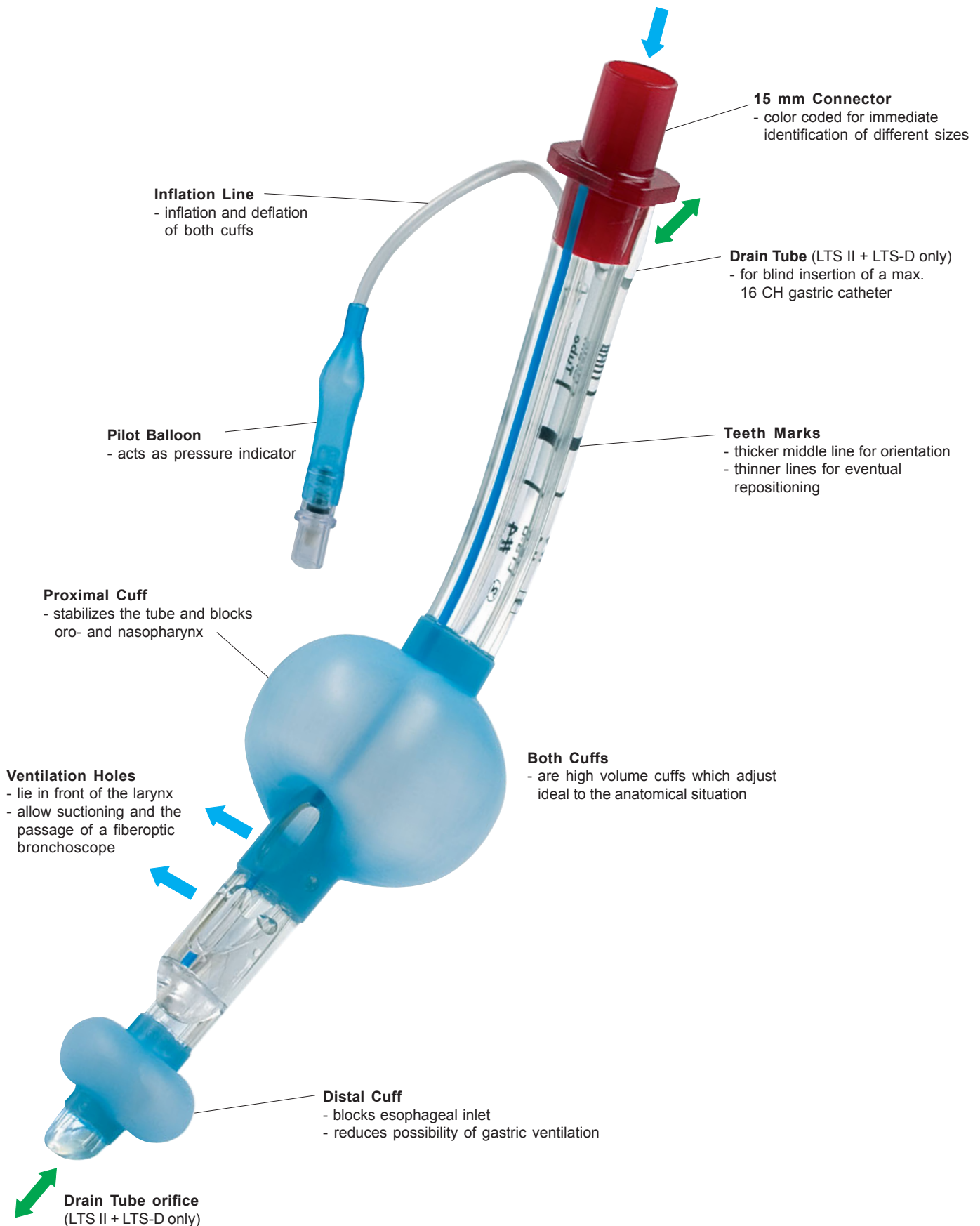
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Emergency Products

Laryngeal Tubes

The Laryngeal Tube is a supraglottic airway device for the use in general anesthesia during spontaneous or positive pressure ventilation. In emergency it is an ideal adjunct to secure the airway during difficult airway management as an alternative technique to mask ventilation and tracheal intubation.

Securing the airway is one of the major aspects for a successful resuscitation. In the current guidelines of the European Resuscitation Council (ERC) the Laryngeal Tube has been included as an additional device for airway management in cardiopulmonary resuscitation.



**Disposable,
Single Lumen Tube**

Material: PVC

Sterile packed



Laryngeal Tube LT-D

Box of 10, one color coded syringe and one biteblock

Size	Patient	Weight/Height	Color code	REF	NSN#	Box
2	Child	12-25 kg	green	32-02-002-1	-	1
2.5	Child	125-150 cm	orange	32-02-025-1	-	1
3	Adult	< 155 cm	yellow	32-02-003-1	6515-01-515-0146	1
4	Adult	155-180 cm	red	32-02-004-1	6515-01-515-0151	1
5	Adult	> 180 cm	purple	32-02-005-1	6515-01-515-0161	1

Box of 1, color coded syringe and biteblock

2	Child	12-25 kg	green	32-02-102-1	-	1
2.5	Child	125-150 cm	orange	32-02-125-1	-	1
3	Adult	< 155 cm	yellow	32-02-103-1	-	1
4	Adult	155-180 cm	red	32-02-104-1	6515-01-374-8920	1
5	Adult	> 180 cm	purple	32-02-105-1	-	1

Emergency Box,

LT-D #3, #4, #5, one color coded syringe and one biteblock	32-02-209-1	-	1
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**Autoclavable,
Single Lumen Tube**

Material: Silicone

Clean packed



Laryngeal Tube LT

color coded syringe and biteblock

Size	Patient	Weight/Height	Color code	REF	NSN#	Box
0	Newborn	< 5 kg	transparent	32-01-000	-	1
1	Baby	5-12 kg	white	32-01-001	6515-12-368-3841	1
2	Child	12-25 kg	green	32-01-002	6515-12-368-3842	1
2.5	Child	125-150 cm	orange	32-01-025	-	1
3	Adult	< 155 cm	yellow	32-01-003	6515-12-368-3844	1
4	Adult	155-180 cm	red	32-01-004	6515-12-368-3846	1
5	Adult	> 180 cm	purple	32-01-005	6515-12-368-3847	1

**Disposable,
Dual Lumen Tube
with Drain Tube**

Material: PVC

Sterile packed



Laryngeal Tube LTS-D

Box of 10, one color coded syringe and one biteblock

Size	Patient	Weight/Height	Color code	REF	NSN#	Box
3	Adult	< 155 cm	yellow	32-06-003-1	-	1
4	Adult	155-180 cm	red	32-06-004-1	-	1
5	Adult	> 180 cm	purple	32-06-005-1	-	1

Box of 1, color coded syringe and biteblock

3	Adult	< 155 cm	yellow	32-06-103-1	-	1
4	Adult	155-180 cm	red	32-06-104-1	6515-12-377-3953	1
5	Adult	> 180 cm	purple	32-06-105-1	-	1

Emergency Box,

LTS-D #3, #4, #5, one color coded syringe and one biteblock	32-06-209-1	-	1
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**Autoclavable,
Dual Lumen Tube
with Drain Tube**

Material: Silicone

Clean packed



Laryngeal Tube LTS II

color coded syringe and biteblock

Size	Patient	Weight/Height	Color code	REF	NSN#	Box
0	Newborn	< 5 kg	transparent	32-05-000	-	1
1	Baby	5-12 kg	white	32-05-001	-	1
2	Child	12-25 kg	green	32-05-002	-	1
2.5	Child	125-150 cm	orange	32-05-025	-	1
3	Adult	< 155 cm	yellow	32-05-003	6515-12-372-0317	1
4	Adult	155-180 cm	red	32-05-004	6515-12-372-0342	1
5	Adult	> 180 cm	purple	32-05-005	6515-12-372-0314	1

Cricothyrotomy-Set Quicktrach

Cricothyrotomy is an emergency procedure to avoid death from suffocation in case of upper airway obstruction if intubation or tracheotomy are impossible. VBM offers two Quicktrach-Sets with the following advantages:

- Fast and safe airway in case of upper airway obstruction
- Sterile sets are pre-assembled and immediately ready for use
- Specially grinded needle tip makes prior incision via scalpel unnecessary and reduces the risk of bleeding
- Stopper prevents needle from being inserted too deep to reduce the risk of posterior tracheal wall perforation
- Necktape allows a fast and safe fixation
- Quickest airway access via one-step procedure



Quicktrach I
packed in box, sterile

Patient	I.D.	REF	NSN#	Box
Infant	1.5 mm	30-04-015-1	-	1
Child	2.0 mm	30-04-002-1	6515-12-360-8964	1
Adult	4.0 mm	30-04-004-1	6515-12-327-5577	1

Quicktrach II with cuff
packed in box, sterile

- Thin cuff seals the trachea and allows efficient ventilation with aspiration protection
- Stopper and safety clip reduce the risk of posterior tracheal wall perforation
- Anatomically shaped cannula adjusts to the trachea due to „memory effect“

Patient	I.D.	REF	NSN#	Box
Adult	4.0 mm	30-10-004-1	6515-12-378-5370	1

packed in plastic tube, sterile

- ideal for emergency bags (compact and robust)



Quicktrach I

Patient	I.D.	REF	Box
Child	2.0 mm	30-04-902-1	1
Adult	4.0 mm	30-04-904-1	1

Quicktrach II with Cuff

Patient	I.D.	REF	Box
Adult	4.0 mm	30-10-904-1	1

Jet-Ventilation / Cuff Pressure Gauges

Manujet III

The Manujet III with Jet Ventilation Catheters is recommended for emergency rooms, crash carts, ambulances and operating rooms as it guarantees a quick and efficient oxygenation of a patient.

With 4 m pressure hose, Jet Ventilation Catheters acc. to Ravussin (13 G, 14 G, 16 G), 100 cm connecting tube, Endojet Adapter (for ET Tube) and Bronchoscope Adapter

REF 30-01-003

The Manujet III is supplied in a complete kit with injector and catheters. The simple mechanical system is light-weight, portable and immediately ready for use.



Jet Ventilation Catheter acc. to Ravussin

Allows a safe and atraumatic transtracheal access for oxygenation/ventilation with a manual jet (Manujet III) or an automatic High Frequency Jet Ventilator.

Anesthesia Set

sterile packed

Patient	Size	REF	Box
Infant	16 G	30-02-018-1	5
Child	14 G	30-02-014-1	5
Adult	13 G	30-02-013-1	5



Emergency Set

sterile packed, 1 piece per box and syringe

Patient	Size	REF	Box
Infant	16 G	30-02-918-1	1
Child	14 G	30-02-914-1	1
Adult	13 G	30-02-913-1	1

Cuff Pressure Gauge

For inflation and pressure control on tracheal tubes with high volume, low pressure cuffs

Complete with 100 cm Connecting Tubing

“Universal“

Ø 68 mm scale

Scale has two green ranges

- For tracheal tubes (22-32 cmH₂O)
- For Laryngeal Tubes and Laryngeal Masks (60-70 cmH₂O)

REF 54-07-000



“Pocket“

Ø 50 mm scale

REF 54-04-000



Stylets, Introducers and Tube Exchangers

METTS (Muallem ET Tube Stylet)

for difficult intubation

single use, sterile

- core made of metal, malleable (maintains curvature)
- flexible pre-formed tip
- graduation marks



Size	Length	for ET Tube	REF	Box
8 CH	40 cm	≥ 3.5 mm	33-08-400-1	5
12 CH	65 cm	≥ 5.0 mm	33-12-650-1	5
14 CH	65 cm	≥ 6.0 mm	33-14-650-1	5

METTI (Muallem ET Tube Introducer)

for difficult intubation and tube exchange

for single use, sterile

- core made of plastic, semi-rigid (flexible)
- flexible pre-formed tip
- graduation marks



Size	Length	for ET Tube	REF	Box
12 CH	80 cm	≥ 5.0 mm	33-12-800-1	5
14 CH	80 cm	≥ 6.0 mm	33-14-800-1	5

Introducer

for difficult intubation

for single use, sterile

- lumen-design, Universal Connector included
- rigid pre-formed tip
- graduation marks



Size	Length	for ET Tube	REF	Box
14 CH	65 cm	≥ 5.0 mm	33-50-650-1	5

Intubation Catheter

for fiberoptically assisted intubation

for single use, sterile

- lumen-design, Universal Connector included
- graduation marks



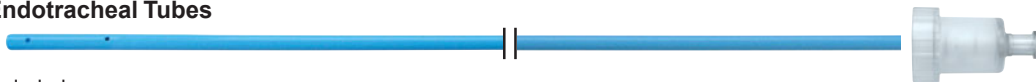
Size	Length	for ET Tube	for Fiberoptic Scope	REF	Box
19 CH	56 cm	≥ 7.0 mm	≤ 4.0 mm	33-60-560-1	5

Tube Exchanger

for extubation and exchange of Endotracheal Tubes

for single use, sterile

- lumen-design, Universal Connector included
- graduation marks



Size	Length	for ET Tube	REF	Box
11 CH	80 cm	≥ 4.0 mm	33-45-800-1	5
14 CH	80 cm	≥ 5.0 mm	33-46-800-1	5
19 CH	80 cm	≥ 7.0 mm	33-47-800-1	5

Universal Connector

15 mm / Luer Lock for oxygenation,
fits all sizes with lumen-design
Material: ABS

REF 33-60-005 Box 10



Stylets

short, malleable intubation stylet

autoclavable up to 134°C

- soft, atraumatic tip



without connector

Size	Length	for ET Tube	REF	Box
small	34 cm	2.5 - 3.5 mm	90-10-111	25
medium	38 cm	4.0 - 4.5 mm	90-10-222	25
large	45 cm	5.0 - 6.5 mm	90-10-333	25
large	45 cm	7.0 - 11.0 mm	90-10-444	25

with adjustable 15 mm I.D. connector

Size	Length	for ET Tube	REF	Box
small	34 cm	2.5 - 3.5 mm	90-10-001	10
medium	38 cm	4.0 - 4.5 mm	90-10-002	10
large	45 cm	5.0 - 6.5 mm	90-10-003	10
large	45 cm	7.0 - 11.0 mm	90-10-004	10

VBM 8

Manual Suction Pump / Pelvic Sling

An effective and powerful manual suction pump for the quick suction of fluids from the oro- and nasopharyngeal cavities in emergency situations.

Complete Set

with canister for adult and child,
3x suction tips (large, medium,
small) and catheter adapter (for
funnel shape suction catheters).

REF 30-55-501



- no power required
- portable and lightweight
- easy to squeeze with the maximum performance
- fits easily in most bags
- disposable collection canisters for adults and children
- cost effective alternative to electrical and foot powered devices
- soft and atraumatic suction tips
- valve prevents backflow of liquids to the patient
- MRI-proof
- 15 mm I.D. Connection
 - fits directly on the ET Tube
 - allows connection of included suction tips
 - allows connection of included catheter adapter for funnel shape suction catheters

Pelvic Sling

The Pelvic Sling helps to fix and stabilize fractures of the pelvis at the accident scene

The cuff which is integrated in the pelvic sling exerts a lateral pressure to the pelvis. This helps to reduce life threatening inner bleeding and pain significantly.

Standard, for single use
for pelvis circumference
80-120 cm (32"-47")
with hand inflator

REF 34-10-004

Large, for single use
for pelvis circumference
100-140 cm (40"-55")
with hand inflator

REF 34-10-005

Standard, reusable
for pelvis circumference
90-130 cm (36"-51")
with manometer and hand inflator

REF 34-10-003



**Manometer 0-200 mmHg
for Pelvic Sling
REF 34-18-201**

Masks

Face Mask made of Silicone

latex-free, reusable, autoclavable up to 134°C

with plastic dome and inflatable cushion

Size	Patient	Color	REF	Box
2	Child	green	35-70-222	1
3	Adult small	yellow	35-70-223	1
4	Adult medium	red	35-70-224	1
5	Adult large	purple	35-70-225	1
6	Adult extra large	blue	35-70-226	1



Mask for children, round

Size	Patient	REF	Box
0	Neonate	80-11-000	10
1	Infant	80-11-001	10
2	Child	80-11-002	10



Bi-Mask

Silicone mask with internal plastic shell (PSU)

Size	Patient	Color	REF	Box
3	Adult small	yellow	35-65-223	1
4	Adult medium	red	35-65-224	1
5	Adult large	purple	35-65-225	1
6	Adult extra large	blue	35-65-226	1



Hook Rings

made of metal, Ø 33 mm
fits for masks with plastic dome

REF 80-11-266 Box 10



made of polysulfone (PSU),
Ø 30-33 mm
fits for full silicone masks

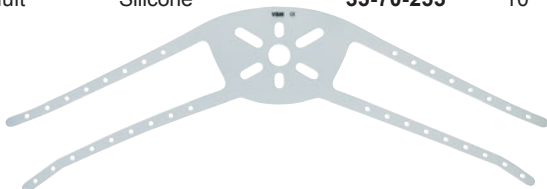
REF 35-60-266 Box 10



Harness

latex free, autoclavable up to 134°C

Patient	Material	REF	Box
Child	Silicone	35-70-155	10
Adult	Silicone	35-70-255	10



Resuscitation Bag, reusable

Silicone Resuscitation Bag

with Barcode and Serial number

reusable, autoclavable up to 134°C

Adult 2000 ml with palm holder	REF	Box
with 40 cmH ₂ O pressure relief	82-10-100	1
without pressure relief	82-10-101	1



Child 500 ml	REF	Box
with 40 cmH ₂ O pressure relief	80-10-200	1
without pressure relief	80-10-201	1
with manometer	80-10-251	1



Infant 250 ml	REF	Box
with 40 cmH ₂ O pressure relief	80-10-300	1
with 20 cmH ₂ O pressure relief	80-10-306	1
without pressure relief	80-10-301	1
with manometer	80-10-351	1
with pressure proved manometer	80-10-352	1



Intake Valve

complete with additional connector

Material: Aluminium, autoclavable up to 134°C

REF 80-16-900



Connection for Demand Valve



Reservoir Valve with Reservoir Bag and Oxygen C connector

Reservoir Bag

for single use

Size	REF	Box
2600 ml	80-12-010	5
1800 ml	80-12-015	5
600 ml	80-12-020	5



Reservoir Valve

autoclavable up to 134°C

REF 80-12-030 Box 10



PEEP Valve

autoclavable up to 134°C, MRI-proof

2.5 - 10 cmH ₂ O, green	REF	Box
22 mm O.D.	80-13-001	1
30 mm I.D.	80-13-004	1
5 - 20 cmH ₂ O, blue	REF	Box
30 mm I.D.	80-13-002	1
22 mm O.D.	80-13-005	1



PEEP Adapter

autoclavable up to 134°C

REF 80-13-003 Box 1



Resuscitation Bag-Sets, reusable

Complete Set

reusable, supplied in a rigid transparent carrying case

Adult

- with 2000 ml Resuscitation Bag with palm holder
- Air Cushion Face Mask # 5
- Reservoir Bag 2600 ml
- Reservoir Valve
- 2 m O₂-Tubing

REF 82-10-190

Child

- with 500 ml Resuscitation Bag
- Air Cushion Face Mask # 3
- Reservoir Bag 1800 ml
- Reservoir Valve
- 2 m O₂-Tubing

REF 82-10-290

Infant

- with 250 ml Resuscitation Bag
- Mask, round # 1
- Reservoir Bag 600 ml
- Reservoir Valve
- 2 m O₂-Tubing

REF 80-10-390



Respiration Case

Adult

- 2000 ml Silicone Resuscitation Bag with palm holder
- Air Cushion Face Mask # 3, 4, 5
- Airway # 3, 4, 5

REF 30-92-100

Child

- 500 ml Silicone Resuscitation Bag
- Mask, round # 1
- Air Cushion Face Mask # 2, 3
- Airway # 0, 1, 2

REF 30-92-200

Infant

- 250 ml Silicone Resuscitation Bag
- Mask, round # 0, 1
- Air Cushion Face Mask # 2
- Airway # 00, 0, 1

REF 30-92-300



for a quick use in emergency situations

case includes basic equipment like resuscitator, masks and Guedel airways

ideal for hospitals, paramedics, dentists, industry, etc.



Wall Fixation
for Respiration Case
REF 30-91-001

Mouth to Mask Resuscitator

for single use, material: PVC

- for emergency during life saving mouth to mouth resuscitation
- no mouth to mouth contact during CPR
 - Non-Rebreathing-Valve protects rescuer from contamination
 - bacterial/viral filter protects from infections
 - compact size

REF 80-61-000

Box 1



Resuscitation Bag, for single use

PVC Resuscitation Bag

for single use

Adult 1800 ml

REF Box

with 40 cmH₂O pressure relief
without pressure relief

85-10-100 1
85-10-101 1

Child 500 ml

REF Box

with 40 cmH₂O pressure relief
without pressure relief

85-10-200 1
85-10-201 1

Infant 250 ml

REF Box

with 40 cmH₂O pressure relief
without pressure relief

85-10-300 1
85-10-301 1



PEEP Valve

for single use, MRI-proof

2.5-10 cmH₂O, color: green

REF Box

22 mm O.D. **85-13-001** 1
30 mm I.D. **85-13-004** 1



5-20 cmH₂O, color: blue

REF Box

30 mm I.D. **85-13-002** 1
22 mm O.D. **85-13-005** 1



PEEP Adapter

for single use

REF 85-13-003 Box 1



Reservoir Bag

for single use

Size REF Box

2600 ml **80-12-010** 5
1800 ml **80-12-015** 5
600 ml **80-12-020** 5



Reservoir Valve

for single use

REF 85-12-030 Box 10



Face Mask

with inflatable cushion, for single use

Size	Patient	Color	Connection	REF	Box
1	Neonate	-	15 mm O.D.	35-40-201	10
2	Infant	-	15 mm O.D.	35-40-202	10
3	Child	yellow	22 mm I.D.	35-40-203	10
4	Adult small	red	22 mm I.D.	35-40-204	10
5	Adult medium	purple	22 mm I.D.	35-40-205	10
6	Adult large	blue	22 mm I.D.	35-40-206	10



Complete Set

for single use, supplied in a rigid transparent carrying case

Adult

- with 1800 ml Resuscitation Bag
- Air Cushion Face Mask # 5
- Reservoir Bag 2600 ml
- Reservoir Valve
- 2 m O₂-Tubing

REF 85-10-190

Child

- with 500 ml Resuscitation Bag
- Air Cushion Face Mask # 3
- Reservoir Bag 1800 ml
- Reservoir Valve
- 2 m O₂-Tubing

REF 85-10-290

Infant

- with 250 ml Resuscitation Bag
- Air Cushion Face Mask # 2
- Reservoir Bag 600 ml
- Reservoir Valve
- 2 m O₂-Tubing

REF 85-10-390



Rescuefix

oral ET Tube fixation for emergency use

In emergency situations a quick and safe tube fixation is vital. The Rescuefix allows a fixation without the use of adhesives as the integrated clamp fixes the tube safely and quickly. The separable necktape is adjustable in length and therefore ideal for stiff neck as well.



Patient	Color	for ET Tube	REF	Box
Child	yellow	5.0 - 6.5 mm	40-9005-111	10
Adult	white	7.0 - 10.0 mm	40-9005-333	10



Guedel Airway

oropharyngeal airway with ET Tube fixation possibility

- rail and lateral clamp design allow direct fixation of the ET Tube to the Guedel Airway
- hard biteblock but soft and atraumatic tube
- same lumen from proximal to distal end allows the use of largest possible suction catheters
- one side open with smooth inner surface facilitates suctioning



for single use, sterile

Size	Color	REF	Box
000	light blue	40-20-007-1	30
00	marine	40-20-008-1	30
0	black	40-20-009-1	30
1	white	40-20-010-1	30
2	green	40-20-020-1	30
3	yellow	40-20-030-1	30
4	red	40-20-040-1	30
5	purple	40-20-050-1	30

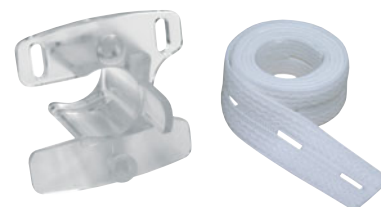
for single use, sterile with elastic necktape

Size	Color	REF	Box
000	light blue	40-26-007-1	30
00	marine	40-26-008-1	30
0	black	40-26-009-1	30
1	white	40-26-010-1	30
2	green	40-26-020-1	30
3	yellow	40-26-030-1	30
4	red	40-26-040-1	30
5	purple	40-26-050-1	30

Biteblock

oral tube fixation for ET Tube, Laryngeal Tube and Laryngeal Mask

- tube clips into biteblock and is therefore protected from occlusion



for single use, sterile

Size	for	Tube size	REF	Box
4	ET Tube	6.5 - 8.0 mm	40-60-040-1	10
5	ET Tube	8.5 - 11.0 mm	40-60-050-1	10
	Laryngeal Tube LT	#2 + 2.5		
	Laryngeal Mask	#2 + 2.5		
6	Laryngeal Tube	#3, 4, 5	40-60-060-1	10
	Laryngeal Mask	#3, 4, 5		

for single use, sterile with elastic necktape

Size	for	Tube size	REF	Box
4	ET Tube	6.5 - 8.0 mm	40-66-040-1	20
5	ET Tube	8.5 - 11.0 mm	40-66-050-1	20
	Laryngeal Tube LT	#2 + 2.5		
	Laryngeal Mask	#2 + 2.5		
6	Laryngeal Tube	#3, 4, 5	40-66-060-1	20
	Laryngeal Mask	#3, 4, 5		

Mobile Oxygen Unit „Oxysafety“

Oxysafety

- 2 l oxygen cylinder (empty)
- pressure reducer
- accessory bag

REF 30-70-000

Oxysafety Standard

- Silicone Resuscitation Bag 2000 ml
- Reservoir Bag 2600 ml with Reservoir Valve
- Masks # 3+5
- 2 l oxygen cylinder (empty)
- pressure reducer
- oxygen connecting hose
- accessory bag

REF 30-70-001



Accessory Bag

for Oxysafety

REF 30-75-010



Emergency Bag Standard

- Silicone Resuscitation bag 2000 ml
- Reservoir Bag 2600 ml with Reservoir Valve
- Masks # 1-5
- Airways # 1-5
- manual suction pump
- 2 l oxygen cylinder (empty)
- pressure reducer
- oxygen connecting hose

REF 30-80-001

ditto, but without oxygen cylinder
and pressure reducer

REF 30-80-003



Emergency Bag

without accessories

REF 30-85-000

VBM Infusor

transparent Pressure Infusion Cuffs
Wrap-Around Design, reusable

500 ml

with hand inflator and color coded pressure gauge

with hand inflator and fixed manometer

with manometer and hand inflator
(shock resistant precision manometer)

1000 ml

with hand inflator and color coded pressure gauge

with hand inflator and fixed manometer

with manometer and hand inflator
(shock resistant precision manometer)

REF

57-02-050

57-06-050

57-08-050

REF

57-02-100

57-06-100

57-08-100

VBM 15



REF 57-08-050



Airway Management Simulators “BILL”

The simulators offer the possibility to train Endotracheal Intubation, Bronchoscopy, Fiberoptic Intubation, Cricothyrotomy, Jet Ventilation, Mask Ventilation and the use of Laryngeal Tube, Combitube or the Laryngeal Mask.

“BILL I”

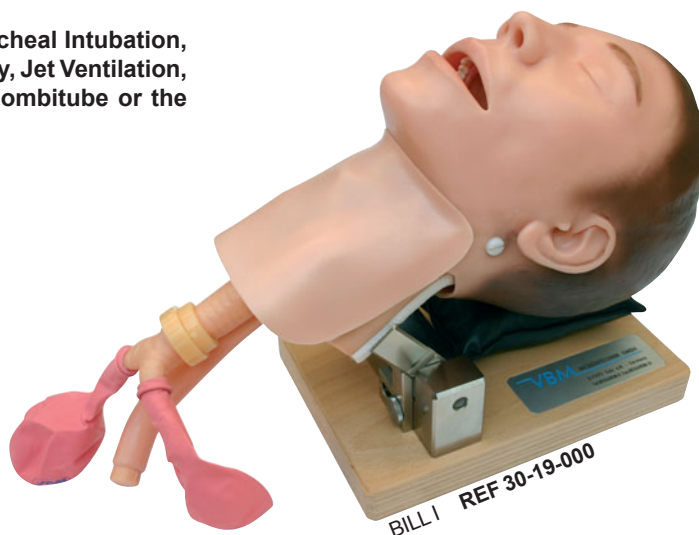
in an aluminium case complete with base, exchangeable skin, thyroid cartilage and carina with balloons (bayonet lock)

REF 30-19-000

“BILL II”

ditto, but with bronchial tree acc. to Dr. Nakhosteen (bayonet lock)

REF 30-18-000



Bronchial Tree

REF 30-19-400



Skin

REF 30-19-222



Thyroid Cartilage

REF 30-19-111



Stomach

REF 30-19-300



Transparent Heads

with upper airways, cross section

Adult

for demonstration and positioning of Laryngeal Tube # 3, 4 and Quicktrach

REF 30-16-000

NSN# 6910-12-372-6112



Frova Crico-Trainer

offers the possibility to train Cricothyrotomy and percutaneous tracheostomy.

Complete with 10 skins and 10 tracheas

REF 30-14-000

Crico-Trainer

with fixation for pig tracheas

Complete with 10 skins

REF 30-14-500



Skin
Box 10

REF 30-14-222



Larynx
Box 1

REF 30-14-111



Trachea
Box 10

REF 30-14-444



Tourniquet Systems and Tourniquet Cuffs

Digital Tourniquets

For electricity 100-240 VAC, 50/60 Hz

Tourniquet 9000

with dual channel

- Bloodless Field
- I.V. Regional Anesthesia
- Bilateral Surgery

Table Unit with Carrying Handle

REF 13-12-900

NSN# 6515-12-371-5770

Table Unit with Carrying Handle,
Stand and Basket

REF 13-22-900

Product Details

Digital Display

- Large color coded LED display is easy to read
- Precise monitoring shows actual cuff pressure

Precision Pressure Regulator

- Fast cuff inflation and deflation
- Regulator is easier to handle than touch pads
- Limits pressure to max. 600 mmHg

Flush Button

- To check for bleeding
- To release drug slowly after I.V. Regional Anesthesia

Alarm System

- Visual and audible alarm to detect leaks, pressure deviations and low battery voltage

Color coded Coil Extension Hoses

- With Positive Locking Connectors (PLC)
- Easy attachment and detachment
- For safe and leak-free inflation

Automatic Timer

- Automatic time recording after cuff inflation
- Provides elapsed cuff inflation time
- Audible signal every 30 minutes

Battery Back-Up

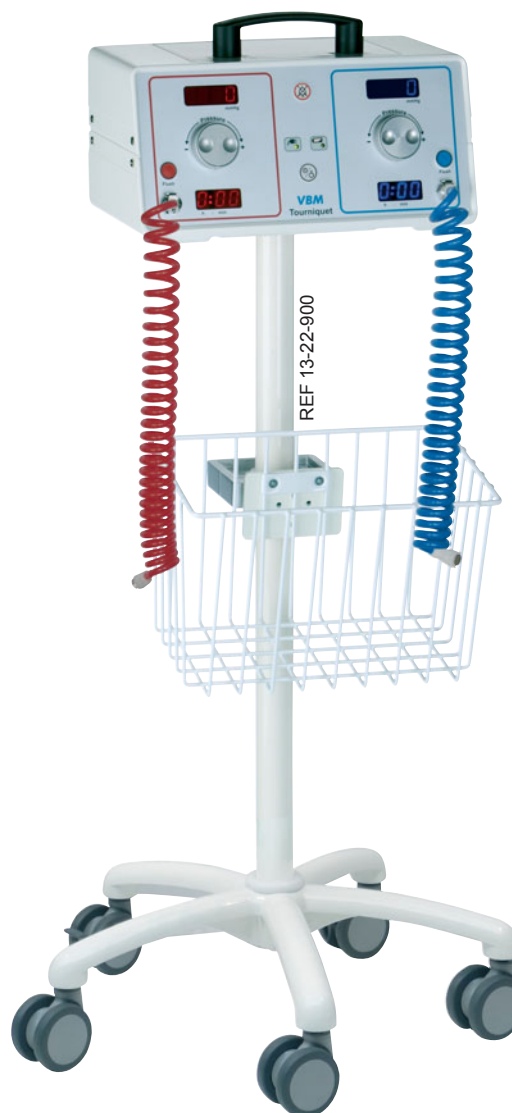
- Long lasting Ni-MH battery

Built-in Data Port

- Supports optional printer for patient report
- Reports cuff pressure adjustments and total elapsed cuff inflation time on a self-adhesive label

Stand with basket

- Very stable
- Easy patient transport
- Roomy storage for cuffs



Compressed Air Tourniquets

For central compressed air supply

Tourniquet 5000

with switch for I.V. Regional Anesthesia and built-in pressure infusor

- Bloodless Field
- I.V. Regional Anesthesia
- Automatic Blood-Exsanguination
- Pressure Infusion

with Stand, Basket and
Protection Cover

REF 19-15-550
NSN# 6515-12-339-0372

Table Unit with
Carrying Handle

REF 19-12-550

Product Details

Analogic Gauges

- Calibrated and sealed to insure the exact reading every time. No need to calibrate before each use

Precision Pressure Regulator

- Fast cuff inflation and deflation
- Very precise pressure regulation
- Safety knob prevents accidental movement
- Limits pressure to max. 600 mmHg

Flush Button

- To check for bleeding
- To release drug slowly after I.V. Regional Anesthesia
- To deflate in manual mode

Color Coded Coil Tubing

- Built into Tourniquet
- Leak proof
- With positive locking connectors

Manual Safety System

- No battery needed
- Maintenance free
- Pressure is maintained during power failure
- Can be used at any time without power

Timer

- Count down timer with alarm

Stand with basket

- Very stable
- Easy patient transport
- Roomy storage for cuffs

Pressure Hose

- 4 m (13 ft.) long, supplied with the Tourniquet



Electronic Tourniquets

For electricity with 230, 110 or 100 VAC

Tourniquet 5800 ELC

with dual channel and built-in pressure infusor

- Bloodless Field
- I.V. Regional Anesthesia
- Bilateral Surgery
- Automatic Blood-Exsanguination
- Pressure Infusion

with Universal Clamp and Protection Cover

REF 11-13-580 ELC
NSN# 6515-12-378-5018

with Stand, Basket and Protection Cover

REF 11-15-580 ELC
NSN# 6515-12-376-8647

Product Details

Analogic Gauges

- Calibrated and sealed to insure the exact reading every time. No need to calibrate before each use.

Electronic Pressure Regulator

- Fast cuff inflation and deflation
- Very precise pressure regulation
- Safety knob prevents accidental movement
- Limits pressure to max. 600 mmHg

Flush Button

- To check for bleeding
- To release drug slowly after I.V. Regional Anesthesia
- To deflate in manual mode

Color coded Coil Extension Hoses

- Built into Tourniquet
- Leak proof
- With positive locking connectors

Manual Safety System

- No battery needed
- Maintenance free
- Pressure is maintained during power failure
- Can be used at any time without power

Timer

- Count down timer with alarm

Stand with basket

- Very stable
- Easy patient transport
- Roomy storage for cuffs



Manual Tourniquets / Bloodexsanguination

Manometer 600 mmHg with Hand Inflator



blue coil extension tubing and
positive locking connector

REF 20-18-601
NSN# 6515-12-355-8087



red coil extension tubing and
positive locking connector

REF 20-18-602

Tourniquets “Tourny“

with stainless steel buckle

REF 20-30-000 Box 20



with plastic buckle

REF 20-30-100 Box 10
NSN# 6515-12-375-5037



Esmarch Bandages

autoclavable up to 134°C (273°F),
latex free
Length: 5 m (16ft.)

Width	inch	REF	NSN#	Box
6 cm	2 ³ / ₈ "	20-20-060	6510-12-368-7976	1
8 cm	3 ¹ / ₈ "	20-20-080	-	1
10 cm	4"	20-20-100	-	1
12 cm	4 ³ / ₄ "	20-20-120	-	1
15 cm	6"	20-20-150	-	1



disposable, sterile packed,
latex free
Length: 4 m (13 ft.)

Width	inch	REF	NSN#	Box
6 cm	2 ³ / ₈ "	20-21-060-1	-	10
8 cm	3 ¹ / ₈ "	20-21-080-1	-	10
10 cm	4"	20-21-100-1	6510-12-371-8211	10
15 cm	6"	20-21-150-1	-	10



Three Chamber Bloodexsanguination Garment

Automatic exsanguination for use with VBM Tourniquets 5800ELC

Due to the Three Chamber-System the garment is inflated automatically from distal to proximal.

With the 3 position zipper the garment can be adjusted to fit different size extremities for efficient exsanguination of the patients limb. Sleeve and bladder are exchangeable and available as spare parts.



Three Chamber Bloodexsanguination Garment, for arm

REF 20-13-341
NSN# 6515-12-376-8636



Three Chamber Bloodexsanguination Garment, for leg

REF 20-13-343
NSN# 6515-12-376-8637

Tourniquet Cuffs

Product details

Silicone Bladder

- Silicone material is elastic and acts as a low pressure cuff (as wider the cuff as lower the inflation pressures needed)
- Durable and high quality material
- Latex free

Cuff ties

- Provide easy cuff positioning and security
- Color coded for identification of different sizes

Contour cuffs

- Ideal for extremely conical shaped limbs

Silicone Tubing

- Kink resistant
- Never cracks
- Latex free

Positive locking connectors (PLC)

- For easy attachment and detachment
- For safe and leak-free inflation

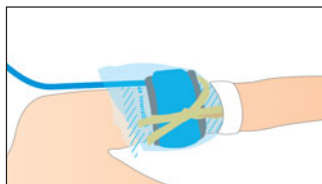
Single Cuffs

Patient, Size	  		
	Fabric Cuffs • Washable and reusable • Fixation via Velcro tape • Bladder and fabric sleeve can be replaced	Silicone/Velcro Cuffs • Autoclavable at 134°C (273°F) • Fixation via Velcro tape • Velcro sleeve can be replaced • Easy to clean and dry quickly	Dispo Cuff • Disposable, sterile peel pouch • Low profile, welded cuff (no bladder) • Eliminate risk of cross contamination
Infant 20 cm (8")	20-54-700	20-64-700	20-34-700SLZ-1
Child 30 cm (12")	20-54-710	20-64-710	20-34-710SLZ-1 NSN# 6515-12-371-5721
Arm 35 cm (14")	20-54-711 NSN# 6515-12-367-3662	20-64-711	20-34-711SLZ-1 NSN# 6515-12-378-2373
Arm, lower Leg 46 cm (18")	straight 20-54-712 contour 20-54-512	20-64-712	20-34-712SLZ-1 NSN# 6515-12-371-5707
Leg 61 cm (24")	straight 20-54-722 contour 20-54-522	20-64-722	20-34-722SLZ-1 contour
Leg 76 cm (30")	straight 20-54-727 contour 20-54-527	20-64-727	20-34-727SLZ-1 contour
Leg 86 cm (34")	straight 20-54-728 contour 20-54-528	20-64-728	20-34-728SLZ-1 contour
Leg 107 cm (42")	20-54-729	20-64-729	20-34-729SLZ-1 contour NSN# 6515-12-371-5708

Plastic Cover

Tourniquet Cuff Protector

The plastic covers keep the cuff free from soiling and allow sealing the cuff with adhesive tape without damaging the cuff.



REF	Size	Box
REF 20-11-111	small	50
REF 20-11-111-1	ditto but sterile	50
REF 20-11-333	medium	50
REF 20-11-333-1	ditto but sterile	50
REF 20-11-222	large	50
REF 20-11-222-1	ditto but sterile	50

Measuring Tape

color coded, for easy identification of patient extremity and cuff size

Box 1 REF 20-95-111

ditto but for single use
(Box of 1 block with 50 tapes)

Box 1 REF 20-95-222



Double Cuffs



Fabric Cuffs

- Washable and reusable
- Fixation via Velcro tape
- Bladder and fabric sleeve can be replaced



Silicone/Velcro Cuffs

- Autoclavable at 134°C (273°F)
- Fixation via Velcro tape
- Velcro sleeve can be replaced
- Easy to clean and dry quickly



Dispo Cuff

- Disposable, sterile peel pouch
- Low profile, welded cuff (no bladder)
- Eliminate risk of cross contamination

Positive Locking Connector

Patient, Size			
Infant 20 cm (8")	20-50-700	20-60-700	—
Child 30 cm (12")	20-50-710	20-60-710	20-30-710SLZ-1
Arm 35 cm (14")	20-50-711	20-60-711 NSN# 6515-12-376-8639	—
Arm, lower Leg 46 cm (18")	20-50-712	20-60-712	20-30-712SLZ-1
Leg 61 cm (24")	20-50-722	20-60-722	20-30-722SLZ-1
Leg 76 cm (30")	20-50-727 NSN# 6515-12-367-3665	20-60-727	—
Leg 86 cm (34")	20-50-728 NSN# 6515-12-367-3666	—	—
Leg 107 cm (42")	20-50-729	—	—



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