

SaCo VLM™ Video Laryngeal Mask Airway Vision System

DESCRIPTION

The SaCo VLM™ Video Laryngeal Mask Airway is an advanced supraglottic device designed for continuous visualisation throughout the airway management process. By integrating high-definition imaging with a multi-channel design, it provides clinicians with real-time feedback from insertion through to extubation.

The system features a unique dorsal-ventral conjoined double inflatable cuff, engineered to apply uniform force and provide superior sealing performance. Coupled with the SaCo 8 "or 10" monitor, the VLM™ enables a transition from blind insertion to a visually guided technique, facilitating accurate placement and active monitoring of the airway and gastric activity. The VLM™ is available in an extensive range of sizes to cater for paediatric and adult populations.

This system is indicated for primary ventilation in both routine and difficult airway management, as well as rescue ventilation in emergency clinical scenarios. Its multi-channel design also allows for video-assisted intubation and continuous monitoring of the airway and gastric access throughout the procedure.

FEATURES & BENEFITS

- Unique dorsal-ventral conjoined cuff: Applies a more uniform force to the surrounding anatomy, optimising the seal and providing a more secure fit.
- Integrated observation window: Provides a continuous, real-time view of the glottis to ensure accurate placement and immediate detection of cuff movement or gastric reflux.
- Dedicated lens cleaning channel: Facilitates the injection of air to maintain a crystal-clear image throughout the procedure without interrupting ventilation.
- Pre-moulded ergonomic design: Follows the natural curvature of the airway to facilitate rapid, non-traumatic insertion and stable positioning.
- Three-chamber architecture: Features dedicated, independent channels for ventilation, gastric drainage, and visualisation to streamline clinical workflow and patient management.
- Unique distal slope: Engineered to provide a precise pathway for video-assisted Endotracheal Tube guidance, offering controlled intubation capabilities when required.
- 8-Inch and 10-Inch Monitors: Delivers high-definition visualisation with rapid photo and video capture functionality for comprehensive clinical documentation.
- Extended patient range: Available in a comprehensive size range to ensure an optimal anatomical fit across diverse patient demographics.
- Large-capacity digital storage: Supports the recording and storage of procedural data, allowing for intraoperative review and post-operative clinical assessment.

PRODUCT DATA

UE-M8S 8" Monitor

- Easy to use
- 1024 x 768 pixels
- Easily connects directly to UE visualisation devices, enhancing flexibility and usability
- Portable fixture

UE-M10S 10" Monitor

- Wi-Fi compatibility
- Up to 4 way split screen
- 64GB storage, real-time data collection and storage
- Integrated image processing for enhanced clarity
- Portable fixture
- Universally compatible with the full range of airway management products

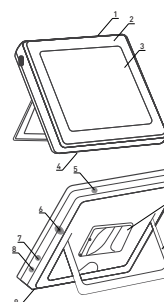
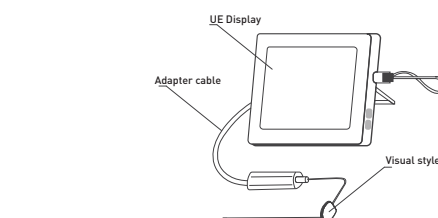
Visual Stylet

- 3 sizes available
- VS-10: [Compatible with LMA Sizes 1.0, 1.5]
- VS-20: [Compatible with LMA Sizes 2.0, 2.5]
- VS-40: [Compatible with LMA Sizes 3.0, 4.0, 5.0, 6.0]
- Camera resolution : 1 MP
- Camera Water resistance: IPX6 waterproof grade
- Field of view: > 90°
- View depth: 3-100mm
- Connection cable: 10 pin aviation plug
- Video Stylet cable: USB type-C
- Warranty Period: 1 year

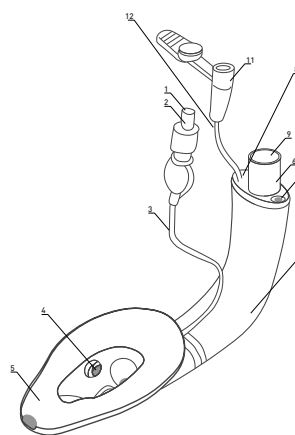
Disposable Video LMA

- Material: Silicone, PC, ABS
- Sterile: EO

PRODUCT DIAGRAM



No.	Name	Function
1	Case	Main body
2	Indicator light	Charging status indication
3	Screen	Operation & display
4	Reset button	Force shutdown
5	Switch button	Turn on/off
6	Signal input interface	Input video signal
7	USB interface	Data input/output
8	DC charging interface	Charging
9	Non-slip mat	Anti-slip
10	UE display clip	To hang the device
11	Support frame	To place the device in the right position



No.	Name
1	Inflation valve
2	Pilot Balloon
3	Inflation line
4	Observation window
5	Cuff
6	Connector
7	Ventilation tube
8	Visual tube channel
9	Ventilation channel
10	Gastric tube channel
11	Cleaning line connector
12	Cleaning line

STANDARDS

- ISO 10993-1:2020 Biological evaluation of medical devices
- ISO 11135:2014 Sterilisation of health-care products - Ethylene oxide - Requirements for the development, validation and routine control of a sterilization process for medical devices
- ISO 13485:2016 Medical devices - Quality management systems

SaCo VLM™

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Product Code	Product description	Model	Size	Patient type	Patient weight (kg)	Max. ETT (mm)	Max. gastric tube (Fr)	Max. bronchoscope size (mm)	Max. OD of the instrument that can pass through the observation channel (mm)	Max. OD of the instrument that can pass through airway channel	Max intracuff volume (mL)	Inner channel capacity (mL)
AN036010	SaCoVLM™ Video Laryngeal Masks	MLM10C	1.0	Neonatal/infant	<5	3.5	6	2.8	3.0	4.2	10	10
AN036015	SaCoVLM™ Video Laryngeal Masks	MLM15C	1.5	Neonatal/infant	5-10	4.0	8	2.8	3.0	4.2	15	13
AN036020	SaCoVLM™ Video Laryngeal Masks	MLM20C	2.0	Paediatric	10-20	5.0	10	2.8	3.0	5.8	20	16
AN036025	SaCoVLM™ Video Laryngeal Masks	MLM25C	2.5	Paediatric	20-30	5.5	10	2.8	3.0	5.8	25	18
AN036030	SaCoVLM™ Video Laryngeal Masks	MLM30C	3.0	Adult	30-50	7.0	16	5.2	4.0	5.8	30	20
AN036040	SaCoVLM™ Video Laryngeal Masks	MLM40C	4.0	Adult	50-70	7.5	16	5.5	4.0	5.8	40	23
AN036050	SaCoVLM™ Video Laryngeal Masks	MLM50C	5.0	Adult	70-100	8.0	16	5.8	4.0	5.8	50	25
AN036060	SaCoVLM™ Video Laryngeal Masks	MLM60C	6.0	Obesity	>100	8.0	16	5.8	4.0	5.8	60	28

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RE-ORDER	DESCRIPTION	CARTON/QTY	
AN011002	UE-M8S 8" Monitor	1	
AN011010	UE-M10S 10" Monitor	1	
RE-ORDER	DESCRIPTION	CARTON/QTY	
AN038000	SaCo VLM Video Stylet - Compatible with #1.0, #1.5	1	
AN038001	SaCo VLM Video Stylet - Compatible with #2.0, #2.5	1	
AN038002	SaCo VLM Video Stylet - Compatible with #3.0 - #6.0	1	
RE-ORDER	DESCRIPTION	SIZE	CARTON/QTY
AN036010	SaCo VLM™ Video Layngeal Masks	1.0	10
AN036015	SaCo VLM™ Video Layngeal Masks	1.5	10
AN036020	SaCo VLM™ Video Layngeal Masks	2.0	10
AN036025	SaCo VLM™ Video Layngeal Masks	2.5	10
AN036030	SaCo VLM™ Video Layngeal Masks	3.0	10
AN036040	SaCo VLM™ Video Layngeal Masks	4.0	10
AN036050	SaCo VLM™ Video Layngeal Masks	5.0	10
AN036060	SaCo VLM™ Video Layngeal Masks	6.0	10