



# Pocket VL

Supporting Video Laryngoscopy



## PVL Plus (Pocket VL)

The durable, reliable video laryngoscope with disposable blades in multiple sizes

- Fully foldable
- Universal rechargeable Li-ion battery
- Scratch-resistant coating
- High resolution 3-inch display
- Suitable for all patients



Supporting  
Healthcare

## Pocket Video Laryngoscope

# Designed to provide a clear, real-time view of the patient's airway

The handy Pocket Video Laryngoscope (PVL) is a handheld and user-friendly video laryngoscope. Designed to provide a clear, real-time view of the patient's airway and to assist physicians in obtaining faster, safer tracheal intubation.

The 'one-touch button' controls all functions of the device. Such as on/off, taking pictures and video recording.

The PVL has an ergonomic design, a 3-inch display monitor that is fully foldable and rotates in two directions.

The full-colour screen shows a clear, real-time high resolution image. Ideal for picture recordings and analysis during tracheal intubation or examination/treatment of the laryngopharynx.

The digital video output can be used for displaying video recordings on an external monitor.

The PVL functions on a rechargeable 18500A lithium battery. The 18500A battery is interchangeable.

The laryngoscope has a scratch-resistant coating in a stylish black color.

All PVL devices have a 2-year manufacturer's warranty.

The PVL and their sterilised, disposable blades are available in various configurations and sizes.

The PVL Plus can be used on all patients, from infants to adult patients. In addition to the default model, there is a PVL variant suitable for babies, preterm infants and newborns.



## Blades

# Disposable MAC blades

The PVL-I-01 Plus and PVL-I-02 Plus models feature the newly patented MAC blades, specifically designed for single-use in video laryngoscopy.

These sterilised disposable blades, developed from our custom molds, are the result of direct feedback from clinical practice. We've incorporated suggestions from current users, enhancing their effectiveness in various scenarios, including challenging intubation cases.

The sterile and disposable blades are made from medical grade polycarbonate materials and are provided with an anti-fogging agent.

## Features

**Slimmer and more curved compared to Macintosh style blades**  
More room to maneuver with the tube or instruments.

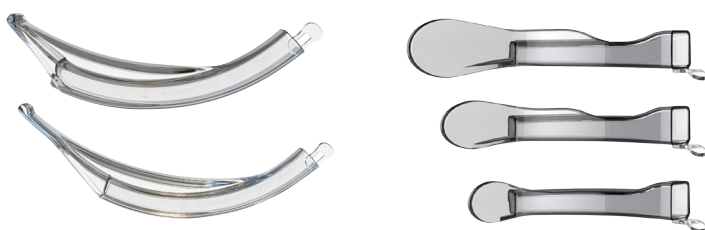
**Multiple variations (6 sizes / 11 variants)**  
Suitable for all situations, even where there is less space in the mouth / pharynx.

**Macintosh style blades**  
A crossover blade that also allows direct laryngoscopy.

**Mac-3D blade (difficult airway)**  
With an angle of 60 degrees for more difficult situations

### Blades PVL-I-02 Plus model

NAME	TARGET GROUP	PATIENT WEIGHT
Mac-2	Children & Adults	25-60 kg
Mac-3	Adults	60-90 kg
Mac-3D	Adults (difficult airways)	60-90 kg
Mac-4	Adults	90+ kg
Mac-1M	Children (macintosh style)	15-25 kg
Mac-2M	Children & Adults (macintosh style)	25-60 kg
Mac-3M	Adults (macintosh style)	60-90 kg
Mac-4M	Adults (macintosh style)	90+ kg



### Blades PVL-I-01 Plus model

NAME	TARGET GROUP	PATIENT WEIGHT
Mac-00	Premature & new born	1.37-5 kg
Mac-0	Baby & infant	5-15 kg
Mac-1	Children	15-25 kg



## About Supporting Healthcare

Supporting Healthcare - a Public Limited Company established in 2013 - combines years of experience in healthcare, commercial medical development and compliance. This expertise makes us a reliable and versatile partner, capable of addressing a wide range of questions from both end-users and commercial/legal standpoints. Innovation drives our approach. With our R&D department developing new products based on practical ideas from the work floor.



Supporting  
Healthcare

**SUPPORTING VIDEO LARYNGOSCOPY**

# Technical Data Sheet

## PVL Plus (Pocket VL)



Product Model	PVL-I-01 Plus	PVL-I-02 Plus
Product Code	2111000	2112000
Application	Pediatric patients	Adult patients
Type of blades	Mac-00/0/1	Mac-2/3/4, Mac-1M/2M/3M/4M, Mac-3D
Monitor Type	Two way rotatable / Completely foldable	Two way rotatable / Completely foldable
Monitor size/ratio	3" / 4:3	3" / 4:3
View angle	85°	85°
Monitor rotation	Left-right: 0-300° / Front-back: 0-190°	Left-right: 0-300° / Front-back: 0-190°
Camera resolution	1280 x 720 pixels	1280 x 720 pixels
Frame rates	30 fps	30 fps
Field of view (FOV)	75±20°	75±20°
Depth of field (DOF)	5-100 mm	5-100 mm
Internal power/battery	18500A / 3.7 Vdc / 2040 mAh	18500A / 3.7 Vdc / 2040 mAh
Battery life	200 min	200 min
Internal memory	32 GB	32 GB
Operating temperature	5°C ~ 40°C (41°F ~ 140°F)	5°C ~ 40°C (41°F ~ 140°F)
Operating humidity	0 ~ 80%	0 ~ 80%
Storage temperature	-20°C ~ 55°C (-4°F ~ 131°F)	-20°C ~ 55°C (-4°F ~ 131°F)
Storage humidity	0 ~ 93%	0 ~ 93%
Power back-up	No	No
Data retrieval	Magnetic USB port (Water resistant)	Magnetic USB port (Water resistant)
Specialty	Portable / Patented blades	Portable / Patented blades
Product color	Black	Black
Product origin	Made in China	Made in China



Supporting Healthcare NV  
PO box 23, 9560 AA  
Ter Apel, The Netherlands

+31 599 700232  
info@supportinghealthcare.eu  
<https://supportinghealthcare.eu>

Distributed by:



Phone: +61 2 9199 5096 Mobile: +61 407 897 275  
Email: [info@murraymedicalsolutions.com.au](mailto:info@murraymedicalsolutions.com.au)  
Web: [murraymedicalsolutions.com.au](http://murraymedicalsolutions.com.au)  
Level 1, 377 New South Head Road, Double Bay, NSW 2028, Australia