

PDS-000124 – ProVu Video  
Laryngoscope - Product  
Data Sheet

**PRODUCT:** ProVu Video Laryngoscope and Displays



**DESCRIPTION / FUNCTION**

The Video Laryngoscope (VL) is a sterile, single use portable video-enabled laryngoscope designed for use by qualified medical professionals intended to assist with direct or indirect laryngoscopy in routine or difficult airways.

The device is connected to a display to provide a video stream from the distal end of the VL blade. It can be used to facilitate tracheal intubation for patient ventilation for hospital use only and is intended for adult and paediatric patients.

**HANDLE & BLADE SPECIFICATION**

**BLADE SPECIFICATION**

Product Description	Length/cm	Height/mm	Width/mm
Single Use Video Laryngoscope Handle with Mac Blade Size 1	10.2	14	34
Single Use Video Laryngoscope Handle with Mac Blade Size 2	11.7	14	34
Single Use Video Laryngoscope Handle with Mac Blade Size 3	13.9	14	34
Single Use Video Laryngoscope Handle with Mac Blade Size 4	15.6	14	34
Single Use Video Laryngoscope Handle with Hyper Blade Size 3	12	14	34
Single Use Video Laryngoscope Handle with Hyper Blade Size 3.5	13.3	14	34
Single Use Video Laryngoscope Handle with Hyper Blade Size 3	14.4	14	34

**3.5” DISPLAY**

**DESCRIPTION / FUNCTION**

The 3.5” Display is a non-sterile, reusable digital display intended to show live images from the Video Laryngoscope.

When connected to the device, a live video is shown on the display, which can be used to further aid intubation of the patient.

**SPECIFICATION**

DISPLAY ELECTRICAL POWER RATING	
POWER INPUT	Input: 5.0V 1.2A
BATTERY TYPE	3.7V, 1500mAh, Lithium-ion
TYPICAL BATTERY RUN TIME	Minimum of 60 minutes
TYPICAL BATTERY CHARGE TIME	90 minutes – 2 hours (from zero charge)

TYPICAL STANDBY TIME	Up to 48 hours
<b>WALL PLUG ELECTRICAL POWER RATING</b>	
INPUT	100-240V AC - 0.5A 50-60Hz
OUTPUT	Max 5.2V DC 1.2A
DIMENSIONS	69mm x 89mm x 15mm
WIDTH X HEIGHT X THICKNESS	69mm x 89mm x 15mm
WEIGHT	90g
<b>DISPLAY</b>	
RESOLUTION (PIXELS)	480 x 320
ORIENTATION	Landscape
DISPLAY TYPE	3.5"
START UP TIME (FROM STANDBY)	2 seconds
START UP TIME (FROM BOOT MODE)	20 seconds
SOFTWARE VERSION	Refer to display screen while charging
IP RATING	IP64
<b>CONNECTIONS</b>	
USB CONNECTION	Micro USB
STORAGE AND TRANSPORTATION	10°C to 40°C (50°F to 104°F)
STORAGE TEMPERATURE	10°C to 40°C (50°F to 104°F)
TRANSPORT TEMPERATURE:	≤85%, non-condensing
RELATIVE HUMIDITY	700 to 1060 hPa
<b>ATMOSPHERIC PRESSURE</b>	
OPERATING CONDITIONS	20 ± 10°C
TEMPERATURE	≤85%, non-condensing
RELATIVE HUMIDITY	700 to 1060 hPa
COMPATABILITY	Can be used with Video Stylet

**CAMERA & LED SPECIFICATIONS**

**DESCRIPTION / FUNCTION**

Camera is used to provide an indirect view to the anatomy. It is located at the distal end of the tip. LEDs are used to illuminate the anatomy, to aid in visualisation of the airway.

**SPECIFICATION**

<b>CAMERA</b>	
RESOLUTION	480 x 320 Pixels
REFRESH RATE	Frames per second
FIELD OF VIEW	600
DEPTH OF FIELD	20-50mm

<b>LED</b>	
ILLUMINATION LUX	>2000 Lux
ILLUMINATION TEMPERATURE	5500-6000K

**PRODUCT CODES**

<b>Product Code</b>	<b>Product Description</b>
038-08-0110	Single Use Video Laryngoscope Handle with Mac Blade Size 1
038-08-0120	Single Use Video Laryngoscope Handle with Mac Blade Size 2
038-08-0130	Single Use Video Laryngoscope Handle with Mac Blade Size 3
038-08-0140	Single Use Video Laryngoscope Handle with Mac Blade Size 4
038-08-2130	Single Use Video Laryngoscope Handle with Hyper Blade Size 3
038-08-2135	Single Use Video Laryngoscope Handle with Hyper Blade Size 3.5
038-08-2140	Single Use Video Laryngoscope Handle with Hyper Blade Size 4
040-07-0035	3.5" Display and Charging Dock

038-990-010	3.5" Charging Dock for 3.5" Display
038-08-0110U	Single Use Video Laryngoscope Handle with Mac Blade Size 1
038-08-0120U	Single Use Video Laryngoscope Handle with Mac Blade Size 2
038-08-0130U	Single Use Video Laryngoscope Handle with Mac Blade Size 3
038-08-0140U	Single Use Video Laryngoscope Handle with Mac Blade Size 4
038-08-2130U	Single Use Video Laryngoscope Handle with Hyper Blade Size 3
038-08-2135U	Single Use Video Laryngoscope Handle with Hyper Blade Size 3.5
038-08-2140U	Single Use Video Laryngoscope Handle with Hyper Blade Size 3
040-07-0035U	3.5" Display and Charging Dock
038-990-010U	3.5" Charging Dock for 3.5" Display
038-990-101	ProVu Stand and Articulating Arm
038-990-102	Display Desktop Stand
040-07-0080	Universal Reusable 8" Display, Charging Cable And 2M Amplifier Extension Cable
040-07-0020	Universal Reusable 2M Amplifier Extension Cable
038-990-104	Articulating Arm
038-990-101U	ProVu Stand and Articulating Arm
038-990-102U	Display Desktop Stand
040-07-0080U	Universal Reusable 8" Display, Charging Cable And 2M Amplifier Extension Cable
040-07-0020U	Universal Reusable 2M Amplifier Extension Cable
038-990-104U	Articulating Arm

**LATEX CONTENT**

Flexicare’s Video Laryngoscope does not contain natural rubber latex.

**DEHP CONTENT**

Flexicare’s Video Laryngoscope does not contain phthalate DEHP.

**PRODUCT USE**

Flexicare’s Video Laryngoscope Handle and Blade are Single Use devices.  
 Flexicare’s Video Displays and accessories are reusable devices.

**STERILITY**

Flexicare’s Video Laryngoscope Handle and Blade are supplied sterile.  
 Flexicare’s displays and accessories are supplied non-sterile.

**SHELF LIFE**

Flexicare declares a shelf life of 2 years from the date of manufacture. This is based on the stability of the devices’ components and raw materials sourced. Expiry date is clearly marked on individual product pouch.