



Conlett Optimal Vision Video Laryngoscope

Warning!!

- Do not use near a naked flame
- Not to be used in any environment where there is inflammable gas, such as where mixed anesthetic gas is being used
- The PC blade and sheath is single use and must be disposed of once used
- Do not use the Laryngoscope for conducting electromagnetic compatibility experiments
- Do not open or dismantle any part of the Laryngoscope.
- Avoid exposure to any high humidity and handle with care
- Avoid directly looking at the camera light, this may damage the eyes over a long period

Security advice

- Avoid any external exposure of the laryngoscope to strong electromagnetic radiation or high temperatures
- The Laryngoscope must be handled gently during transportation. Avoid any shock, violent vibrations, and damp.
- If the laryngoscope displays any fault or malfunction, immediately cease use, record the details and advise the authorised specialist. This will assist in identifying and repairing the device. If the issue cannot be immediately remedied, the laryngoscope must be returned to the specialist for repair.
- All maintenance, repair or change of related parts must only be undertaken by a specialist authorized by the manufacturer
- Both the Laryngoscope and User Manual are to be kept together at all times.
- Users must familiarize themselves with the operation of the Laryngoscope and the User manual before their first use.
- Cleaning of the Laryngoscope must be done strictly according to the instructions
- The Laryngoscope battery must only be changed by the manufacturer
- Do not operate the Laryngoscope if the battery power is exhausted.

Product name: Conlett Optimal Vision Video Laryngoscope

Brand: EZ VISION

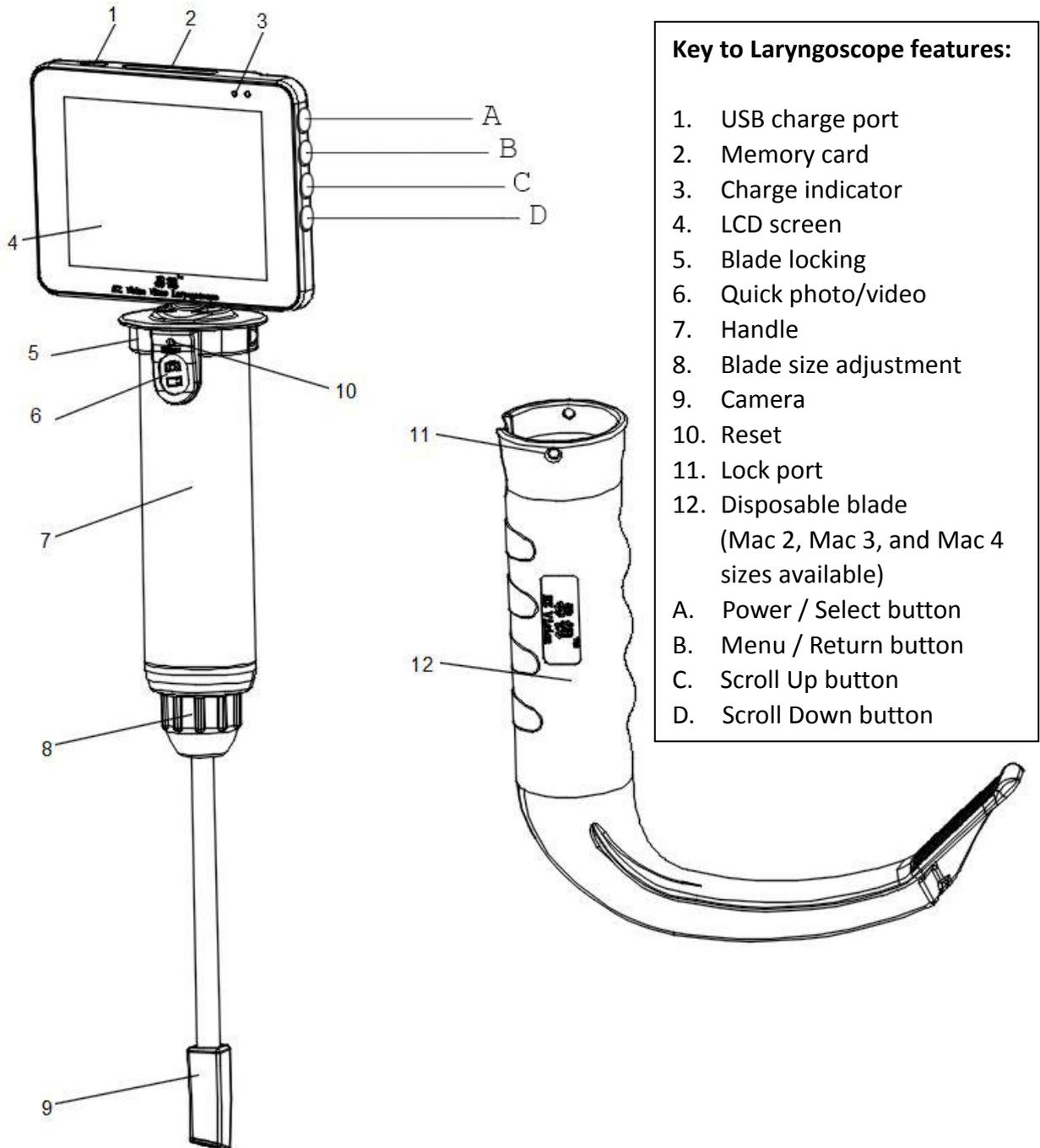
Model: SMT-I-C/ENG

1. Laryngoscope Function

Anesthesia video laryngoscope (please refer to the key and diagram below for features) for auxiliary insertion of endotracheal intubation in clinical anesthesia or rescue situations. When using the Laryngoscope, only the metal reusable blade, or PC material disposable blade supplied by the manufacturer can also be used. No other device or blade must be used with this equipment.

2. Laryngoscope Features

The equipment consists of a display (including LCD, PCB and outer case), handle (including battery, battery cover and the blade locking mechanism), inspection (including camera, anti-fog device, LED light and detachable disposable blade) and power adapter.



3. User operating instructions

a. Power on/off

Power the Laryngoscope on/off by pressing the power on button for 3 seconds.

b. Adjust the camera cable length (if required)

If the camera cable is not set at the correct length for the chosen blade, carefully push or pull the camera cable to the correct length.

c. Connect the disposable blade to the equipment

Attach the disposable blade (Fig 12) to the laryngoscope by sliding the camera (Fig 9) and handle (Fig 7) into the blade until a "click" is heard.

(**Note:** Ensure that the Lock Port (Fig 11) is locked into the Blade locking device (Fig 5))

d. Pre-intubation cleaning

Before using the disposable blade, it must be lubricated with water or appropriate lubricant.

e. Intubation

Use the camera to guide the blade through the standard intubation procedure.

f. Image Capture

By pressing the Quick photo/video button (Fig 6) a photo, video, image frames, browsing, picture 4 x zoom function can be utilized.

g. Turn off the Laryngoscope

Press the power button for 3 seconds to turn off the device

h. Removal and disposal of blade

Upon completion of the procedure and powering off of the Laryngoscope, remove the single-use disposable blade and dispose in accordance with the local procedures.

4. Troubleshooting

Problem	Cause	Solution
Image is not clear	Camera lens is fogged	Preheat or remove
	Blade is not installed correctly	Lock the blade into the handle
	Camera cable is set too short	Adjust the camera cable to match the blade being used
Low battery indicator is on	Low power	Charge the battery
Blade will not lock into place	Camera cable is set too long	Adjust the camera cable to match the blade being used

NOTE: Please contact the manufacturer's authorised representative if the troubleshoot guide does not fix the problem.

5. Maintenance, Cleaning and Disinfection

Battery Care

In order to achieve optimum battery performance and longevity, it is recommended that the Laryngoscope is charged at least on a weekly basis. Regular charging is recommended even when the Laryngoscope is not undergoing regular use.

Regular inspection and maintenance

It is recommended that the Laryngoscope is checked every 3 months. This should include the following as a minimum:

- Inspection of the equipment for any mechanical function damage
- Ensure the battery is achieving full charge.

Contact the manufacturer or authorised specialist if repair is required.

Cleaning and disinfection

- **Do not** attempt to clean the LCD, handle or the metal sections with water, use alcohol or appropriate wipes.
- Use a cotton swab or clean cloth dipped in alcohol or appropriate permitted cleaning agent to wipe the camera (refer to diagram fig 9).
- The LCD is fragile and must handled lightly.

6. Technical Specifications

Screen specifications

- Resolution : 960(H)×480 (V)
- Viewing Angles : (85/85/85/85)
- Backlight : LED (5Pcs)
- Luminance : <350LUX
- Dimension : 60 (W)mm × 45 (H)mm

General specifications

- Overall dimension : 70.2 (W)mm×51.7 (H)mm×2.6 (D)mm
- Operating Temperature : -20°C~+60°C
- Relative environment humidity : 5~95% RH
- Storage Temperature : -25°C~+70°C
- 3" LCD can rotated back and forth 140°, rotated from left to right 0-300°
- Support AVOUT
- CVBS IN.。
- NTSC-720*480 PAL-720*560 Support NTSC-720*480 PAL-720*560
- Loop video; Automatically deletes the old file, records the new file
- Seamless video with the ability for real second to second docking
- Supports high capacity memory TF card, maximum capacity is 32GB
- When turned off there is no electric current
- Lithium battery - 3.7V
- File stacking time record
- Low Voltage Alarm (Battery power display above 3.9V shows full power, 3.9V-3.8V shows two bars, 3.8V-3.7V show 1 bar, 3.7V-3.5V show no bars, less 3.5V will auto power-off)

7. Warranty

This equipment is covered by a 3 year warranty starting from the date of purchase. The warranty covers the LCD display and camera, but excludes the battery, packaging, and any sold accessories. Damage resulting from mistreatment of the equipment is not covered by the warranty.

Note: No attempt should be made to disassemble any part of the Laryngoscope without the manufacturer's authorisation, to do so will invalidate any warranty expressed or otherwise and the manufacturer will not provide any maintenance or service.