

Endoscope Cleaning Instructions

Take care handling the scope. Please do not allow the camera end to collide with hard objects as the small fibres and glass lenses are very delicate and break easily.

Turning off, disconnecting & preparing for cleaning process:



While the endoscope is still connected and processor / light source is turned on, wipe down insertion tube using a lint free cloth soaked in Medizyme.



Activate Air button by resting your finger over the button and blow through, make sure clean air (free from debris) is coming out.



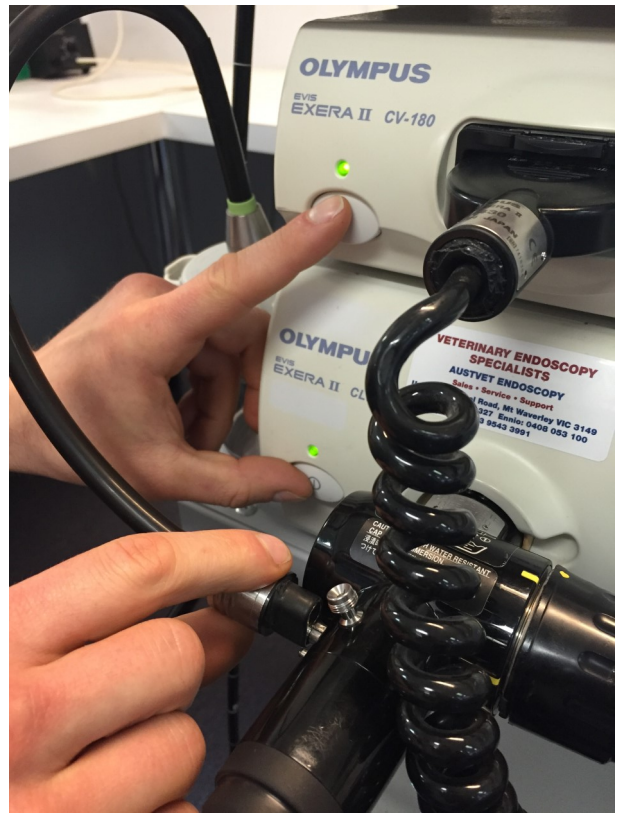
Activate Water button and flush through until clean water is coming out. Note: If the Endoscope has Suction, suck clean water with Medizyme solution through until water runs clear.



Remove Air / Water button indicated with the blue ring.



Attach Air / Water channel cleaning adapter. Press Air / Water cleaning button for 10 seconds, then release for 10 seconds.



Turn of the system by pressing the power buttons of the processor and light source. Disconnect the Curly cable and Air / Water bottle hose.

When removing endoscope from processor / light source coil the insertion tube and control body in your hand, taking extra care of the camera end. Do not over coil, to prevent damage or kinks.



Place the endoscope on a work bench and attach soaking cap with the leakage tester connected to perform a dry leak test.



Before pumping air into the endoscope be certain the leakage tester valve is closed by pressing the button in at the top.



Note: Watch the needle and wait 2 minutes to insure it doesn't deflate, showing sign of drops in pressure.

Note: If you see the needle dropping please double check by repeating the process, if the needle continues to drop and the endoscope is leaking please call Austvet Endoscopy on 03 9543 3991 to report the problem and seek advice.

If no drop to the pin occurs then there is no leak and it is safe for you to continue with the cleaning process.

Now that the valve is closed we can begin inflating the leakage tester within the range indicated with the silver sticker (140—200mmHg).



Maintaining the positive pressure inside the scope, disconnect the leakage tester from soaking cap prong.



Remove all buttons and port plugs.
(Now you can safely submerge the endoscope).



Fully submerge the endoscope in a plastic tub using water and Medizyme solution diluted at 6ml per litre of water. Contact time should be between 2 and 20 mins.

(Check for champagne bubbles this indicates there is a small leak, if so contact Austvet Endoscopy).

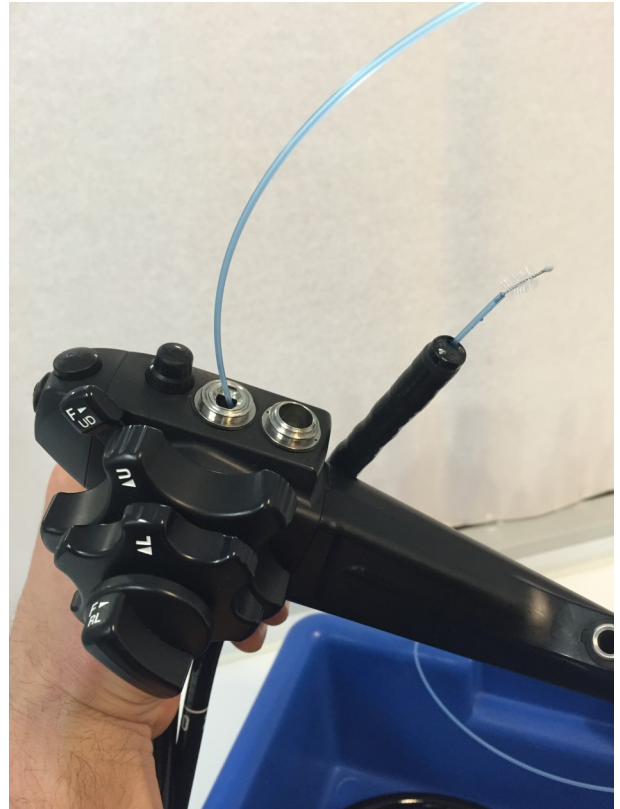


While scope is submerged use a lint free cloth to thoroughly wipe.



While keeping scope submerged in the solution, brush all the ports and any parts of the endoscope that couldn't be reached with the cloth with the stubby end of the cleaning brush.





Feed the brush with the small bristles into the suction port and angle it downward. Feed the brush through until it appears out of the distal end of the scope. Repeat process 3-5 times



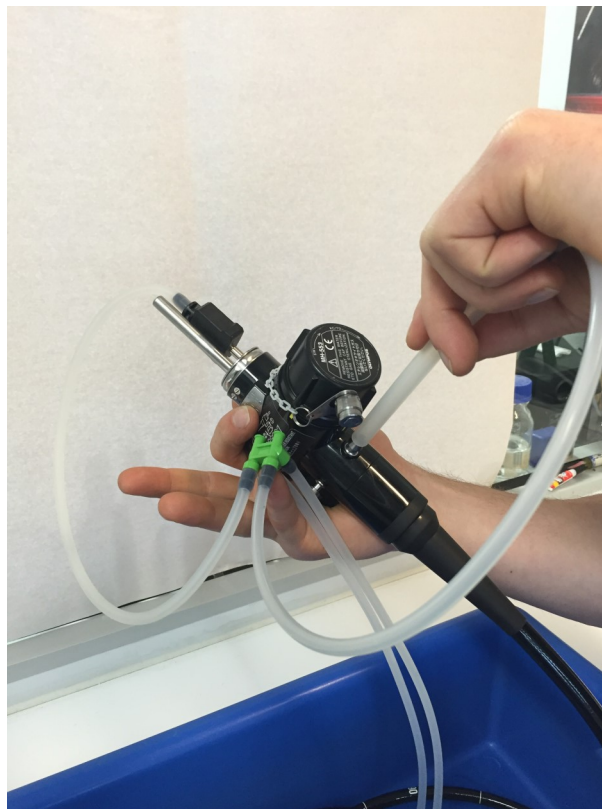
Feed cleaning brush with the small bristles through the top button port (suction horizontally). Keep feeding down until it appears out of the suction attachment port, located at the electrical connector end. Repeat 3-5 times.



Attach the octopus (Adapter in the port end of the endoscope). There are 3 connections.
1. On the very end of the scope the smaller of the 2 prongs.



2. Water connection.



3. Suction connection.



All suction cleaning adapter should be connected to the biopsy channel and the valve ports, this is achieved by pushing downward and sliding the metal casing over the port locking it in place.



A 30cc Syringe should then be place on the green injection port on the octopus with the filter end in a separate jug of Enzymatic cleaner as shown in the diagram, aspirating syringe 3-5 times then repeat the process with 2nd port.
This should be aspirated gently as to much pressure can damage the inside of the scope.

- Clean all attachments i.e. buttons and biopsy cap
- Soak in Enzymatic cleaner as per manufacturers guidelines
- Remove Enzymatic solution, immerse scope in fresh tap water
- Repeat the channel flushing with the octopus to ensure all the Enzymatic cleaner has been flushed out of the scope
- Once cleaned remove water and flush air through the scope. For improved drying channels can be flushed with 70% isopropyl alcohol before hanging for storage.
- Scope is ready for storage / hanging. Important! Scope tubes are hung vertically, button valves and biopsy caps are detached and stored on an absorbent towel.