

Quick Reference Cleaning Guide

for KARL STORZ Videogastrosopes

NOTE: This quick cleaning guide is not intended as a replacement for your user's manual, which should be read in its entirety before using or cleaning your endoscope.

Caution: Improper cleaning can result in damage to any endoscope.

1. Attach the tight cap securely to the video cable connector. Perform a leakage test on the endoscope using the leakage tester (13242 LX). (Note: if it fails the pressure test do NOT immerse it in any fluid, and do not suction fluid through the channel. Simply wipe the endoscope with a damp cloth and contact your KARL STORZ representative immediately)
2. If there are no leaks, then flush enzymatic cleaning solution through the suction channel until fluid runs clear.
3. Remove irrigation valve (13991 SV), suction valve (13991 LV) and biopsy channel cap (13991 DA), and soak them in enzymatic cleaning solution.
4. Wipe down the outside of the endoscope with a soft cloth soaked in enzymatic cleaning solution.
5. The endoscope can now be safely immersed in a tub filled with enzymatic cleaning solution (approximately 10 minutes). There are three ports that need to be cleaned with the channel cleaning brush. Do NOT use a back and forth motion within the channel! Always advance the brush until the tip passes out of the scope, clean the brush, and then pull it back through. Do this for each of the following channels until the brush comes out clean:
 - a. The instrument channel, until it exits at the tip of the scope.
 - b. The front hole inside the suction button port, until it reaches the forceps channel inlet.
 - c. The rear hole inside the suction button port, until it exits at the suction connector.
6. Attach the Y-irrigation tube (13991 YS) to the suction and irrigation valve ports. Attach the simple irrigation tube (13991 SS) to the instrument channel port. Using a syringe, inject enzymatic cleaning solution through each tube until it flows completely through each of the channels.
7. Remove the endoscope from the enzymatic cleaning solution bath, and rinse it thoroughly with clean de-mineralized water. Rinse the channels by flushing copious amounts of de-mineralized water through each of the irrigation tubes (see step 6), until water runs clear.
8. Attach the irrigation tubes one at a time to your VET-pump or to a pressurized air gun (not to exceed 106,4kPa= 800mmHg pressure!) and inject air until all the water is expelled. Wipe down the endoscope with a soft, dry, lint-free cloth until it is completely dry. Rinse and dry valves and channel cap from step 3 above.
10. Store the endoscope in a hanging position, in a protected area to prevent damage.
11. Note: *Before* your next procedure, replace the valves and channel cap, perform a leakage test and check that all channels are patent and functioning.