

Alternatives to Lysol for Cleaning Automated Instrumentation

Alternatives to Lysol for Cleaning Automated Instrumentation

Regular cleaning is an essential part of instrument maintenance. Following recommended cleaning procedures to remove residues and sterilize instrument components will improve instrument performance and help extend the instrument's lifespan.

For automated IHC instrumentation* as well as Biocare IntelliPATH FLX instruments, monthly cleaning with a 10% solution of Lysol IC is recommended by the instrument manual. However, if Lysol cannot be obtained, the following cleaning solutions may also be used as substitutes:

Cleaning Solutions

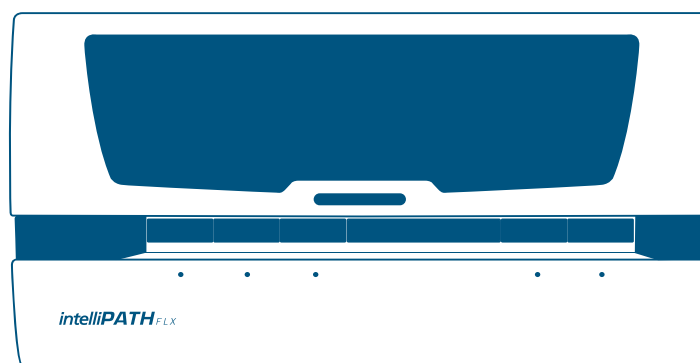
Cleaning Solution	Recommended Dilution
Clorox® Pro Quaternary All-Purpose Disinfectant Cleaner	1:128 dilution
Process QDS® Disinfectant Cleaner, STERIS®	1:128 dilution
Process NPD® Disinfectant, STERIS®	1:256 dilution
Diversey Virex® II 256 One-Step Disinfectant Cleaner and Deodorant	1:256 dilution

For monthly instrument maintenance, fill the Buffer 1, DI Water, and Buffer 2 (if used) carboys with at least 2 liters of the diluted cleaning solution. Shake the carboys so that the walls of the carboys are well washed.

From the IntelliPATH Stainer Application, go to the tools menu, select "prime probe," and prime the probe for 30 seconds. Then select "drain waste and prime buffers" from the same menu to prime the buffer lines. The instrument's priming action will run the cleaning solution throughout all the instrument lines. Use the "drain waste" function to drain the waste into the non-hazardous waste carboy as needed.

After the cleaning solution has been primed through the instrument lines, dispose of any solution that remains in the carboys and rinse the carboys 2-3 times with DI water. Next, fill each carboy with at least 4 to 5 liters of DI water and thoroughly prime the lines again. This will flush the cleaning solution out of the lines and rinse them.

Removable components should also be soaked in one of the approved cleaning solutions and scrubbed as needed according to the instrument manual. Ensure that all components are adequately rinsed with DI water before placing them back in the instrument. For further details and instructions on instrument cleaning and maintenance, consult the instrument manual on the Biocare website.



*Always check manufacturer recommended protocols before utilizing alternative cleaning methods and chemicals. Cleaning protocols may vary from instrument to instrument and manufacturer to manufacturer.