

LuxOR LX3 and REVALIA

Ophthalmic Microscopes

Device Cleaning

Date: June 1st 2020

The United States Centers for Disease Control and Prevention (CDC) includes 70% Isopropyl alcohol in its recommendations for disinfecting against COVID-19. 70% The CDC has also reported on the use of bleach as an effective disinfection agent for COVID-19. A full list of approved disinfection agents can be found at www.epa.gov. For your medical devices, it is important to note that only cleaning products that have been approved by the manufacturer should be used.

The below information is intended to provide guidance on cleaning and disinfection for LuxOR Ophthalmic Microscopes and its accessories.

General Cleaning and Protection

External microscope lens surfaces of optical components (eyepieces, objectives) should be cleaned on a regular basis:

Remove dust with a squeeze blower, pressurized air, or a grease-free brush.

Low Profile Eye cup shall withstand wiping with a dry or damp cloth with a mild detergent solution, and/or a germicidal wipe solution, and/or alcohol.

Clean lenses with lens cleaning tissue and cleaning solutions specifically formulated for cleaning lenses. Using non compatible cleaning solutions can wear out the performance of optics and can potentially degrade the performance, functionality.

When cleaning, do not apply excess pressure on the microscope lenses.

Non-optical surfaces (skins, wheels, footswitch) must be cleaned as required:

All non-glass components can be cleaned using a sterile, lint-free wipe moistened with sterile 70% isopropyl alcohol (IPA) solution.

Prevent dust from accumulating on the microscope:

Always cover microscope with a dust cover when not in use.

Always store unused components in dust free cases.

Unless deemed necessary, do not remove objective lens, binoculars, or other components from the optical system.

Dust can accumulate on internal surfaces of these items if they are removed from the microscope.

When cleaning the LED module skins while it is not installed on the microscope, do not touch the LED's or Printed Circuit Board. Also ensure the cleaning fluid does not get onto the PCBA, LED's or electronic components

Cleaning/Sterilization of Reusable Knob Covers

Please refer to the LuxOR[®] Microscope user manual for cleaning and sterilization instructions.

The American Academy of Ophthalmology has provided guidelines for the use of personal protective equipment (PPE) to help reduce the risk to patients and employees of virus transmission. In addition to our existing device-specific directions for use and manuals of operation, Alcon is developing recommendations on the use of optional device-specific protective measures and will make these recommendations available to our customers through our information website.

Alcon cannot guarantee sterility or exclusion of any risk of infection of COVID-19 during the use of its devices.

