

Guide for Cleaning and Disinfecting the SIGNAL Handheld Retinal Camera



COVID-19
Support Initiatives

Cleaning and disinfecting guidelines

As you treat patients with underlying health conditions such as diabetes, we hope you will continue to perform diabetic retinal exams to protect your patients from preventable vision loss and blindness due to diabetic retinopathy. Our top priority is the health and safety of both clinical staff and patients.

Please refer to the following SIGNAL Camera Cleaning and Disinfecting Guidelines to minimize the spread of infectious diseases for your patients and clinical staff.

Please follow all instructions provided here and the *Cleaning* section of the SIGNAL camera User Manual.

NOTE: DO NOT USE UNAPPROVED DISINFECTION AGENTS.

Use of unapproved agents may cause damage to components. Clean and disinfect on a routine basis according to your facility's protocols and standards or local regulations.

- ✓ Any part of a medical device that is in contact with patients should be disinfected prior to every exam.
- ✓ Power off the device, remove the battery and unplug the charging station from any electrical source before cleaning and disinfecting.
- ✓ Clean the device parts and eye cup from visible dirt before disinfection to maximize its effectiveness.
- ✓ Ensure that no moisture penetrates the system during cleaning and disinfection and let the device dry properly before use.

DEVICE PARTS

- To clean the device parts, use a pre-moistened wipe or soft cloth slightly moistened with an approved cleaning agent
- Disinfect with soft cloth moistened with alcohol (60-80% ethanol or isopropyl alcohol) or hydrogen peroxide solution (e.g. 1-3%)
- Avoid touching lenses and system connectors in the camera and the charging station

SCREEN

- Clean the screen using a soft, clean cloth moistened with neutral cleaning agents
- Disinfect the screen with a soft cloth moistened with alcohol (60-80% ethanol or isopropyl alcohol) or hydrogen peroxide solution (e.g. 1-3%)
- Do not use any chemical solvents, acids or alkaline solutions

LENSES

- Clean the lenses with a cleaning cloth. A moist-cleaning tissue may also be used. Possible residue from the moist cleaning tissue may be removed with a microfiber cloth.
- Compressed air may also be used to blow off visible particles from the lens surface

EYE CUP

- Clean and disinfect eye cup before each use on new patient
- Use a pre-moistened wipe or soft cloth slightly moistened with an approved cleaning agent to gently clean the eye cup. The eye cup may also be cleaned with liquid soap following a thorough rinsing
- Disinfect the eye cup with a soft cloth moistened with alcohol (60-80% ethanol or isopropyl alcohol) or hydrogen peroxide solution (e.g. 1-3%)
- Rinse the eye cup under running water
- Dry the eye cup with a clean paper towel or cloth before use

Approved disinfectants

| Cleaner/Disinfectant Name | Oxivir Wipes | Clorox Hydrogen Peroxide Cleaner Disinfectant Wipes* |
|--|--------------|--|
| Recommended for Basic Cleaning/Disinfecting | Yes | Yes |
| Maintain Wetness (Disinfection Contact Time) | 1 minute | 4 minutes |
| Effective Against Coronavirus | Yes | Yes |