



Eye Care

Disinfection Guide
for Eye Care Systems



Part of the COVID-19
Support Package

Important information on Covid-19

Cleaning and disinfection procedures of Eye Care Products

This information is specifically intended for the crucial need of cleaning and disinfecting our devices during the Covid-19 pandemic. In addition to the information in the respective operation manuals, some additional detailed information is now available.

Below you can find an updated list with all cleaning solvents/solutions/wipes that can be used on our Eye Care products.

Solvents that can be used to clean the different sections							
Classification	Name of Solvent	Outer Covers (W/O OCT-S1)	Outer Covers (OCT-S1)	Chin Rest / EOS camera	Head Rest / Objective Lens Cover	Joystick / View Finder	Objective Lens / Finder Lens
Alcohol	Ethanol Alcohol	✓	✓	✓	✓	✓	✓
	Isopropanol Alcohol	✓	✓	✓	✓	✓	do not use
Oxidant	Hydrogen Peroxide	under investigation	under investigation	✓	✓	✓	do not use
Chlorine	Sodium Hypochlorite	✓ (less than 5% of aqueous solution)	under investigation	✓	under investigation	do not use	do not use
Quaternary Ammonium Salts	Benzalkonium Chloride	✓	under investigation	under investigation	under investigation	under investigation	do not use

Cleaning procedures

Preparation

- Turn off power SW and disconnect the power cable
- Make sure the room is well ventilated

Outer covers

- When using wet wipes, please wring the solvent/solution out when cleaning
- Wipe and clean the parts gently
- Do not use any solvents/solutions as a spray

- Protect the solvents/solution from penetrating into the products
- Take special care of the connectors when cleaning the cables to not cause any electrical problems
- Wipe off any remaining solvents/solutions with dry paper or towel

Lenses

- Use a lens cleaning paper and its specific cleaning liquid, so no disinfectant solvent/solution
- Wipe off any remaining solvents/solutions with dry paper or towel

Tonometer Nozzle

- Confirm no dust, paper or cleaning liquid remains in the nozzle. Please utilize the check button several times to blow out any residues.

Name Plate

- Wipe/clean the name plate carefully/gently because the stamped serial number could be wiped off since there is no protective seal.

Materials

Logically the outer parts of our product are made of polycarbonate, polyurethane, silicon and metal that might not be able to withstand certain chemicals. In the following table you can find an overview the materials as used in our products.

Overview which materials are used in the EC Products						
Section	Outer Covers (W/O OCT-S1)	Outer Covers (OCT-S1)	Chin Rest / EOS camera	Head Rest / Objective Lens Cover	Joystick / View Finder	Objective Lens / Finder Lens
Material	Resin (PC+ABS)	Resin (PU) + Paint	Resin (PC)	Silicon	Metal (Aluminium)	Lens (Glass+Coating)
OCT-A1	○	-	○	○	-	○
OCT-S1	○	○	○	○	○	○
CR-2 AF / CR-2 Plus AF	○	-	○	○	-	○
CX-1	○	-	○	○	○	○
TX-20/TX-20P	○	-	○	○	-	○
RK-F2	○	-	○	○	-	○

PC : Polycarbonate

PU : Polyurethane

Not usable solvents and wipes

Following solvents and wipes might be available at site, but they unfortunately **cannot** be used since they affect the material of the devices.

List of Solvents/Wipes that cannot be used with our devices		
Classification	Name of product	Manufacturer
Oxidant	Accel TB Wipes	Virox Technologies Inc
Oxidant	Clinell Sporicidal	GAMA Healthcare Ltd
Chlorine	Suma D4 tab	Diversey
Chlorine	Sani-Cloth® Bleach Wipes	Professional Disposables International, Inc.
Chlorine	Clorox Healthcare™ BLEACH GERMICIDAL WIPES	Clorox Professional Products Company
Quarternary Ammonium Salts	INCIDIN FOAM	Ecolab Ltd.
Quarternary Ammonium Salts	Kohrsolin FF	BODE Chemie GmbH
Quarternary Ammonium Salts	SANI-CLOTH AF3	Professional Disposables International, Inc.
Quarternary Ammonium Salts	Super Sani-Cloth	Professional Disposables International, Inc.
Quarternary Ammonium Salts	SANI-CLOTH PLUS	Professional Disposables International, Inc.
Quarternary Ammonium Salts	SANI-CLOTH HB	Professional Disposables International, Inc.
Quarternary Ammonium Salts	SANI-CLOTH AF	Professional Disposables International, Inc.
Quarternary Ammonium Salts	CaviWipes	METREX RESEARCH CORP
Quarternary Ammonium Salts	Meliseptol Wipes sensitive	B. Braun
Quarternary Ammonium Salts	ANIOS Surfanios	Laboratoire Anios
Others (Amin and etc.)	ANIOS DDSH	Laboratoire Anios

However, priority is always disinfection, so in emergencies it is allowed to use your standard cleaning materials. Even if this would result in any damage on the outer cases- these covers can always be replaced,

NB

Alcohol mikrozyd AF wipes (Schülke) can be used for disinfection, but not for cleaning the lenses.



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If you have any additional questions, please contact to our local representative or feel free to contact to Canon Medical Systems Europe directly.

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