

Topcon Cares

Guide for the
Disinfection of Topcon
Eyecare Products

COVID-19 SUPPORT INITIATIVES



Disinfection Guide For Topcon Eyecare Products in Response to COVID-19

DISCLAIMER: The following information is provided as a reference guide to the chemicals approved by Topcon for the purpose of disinfecting indicated surfaces without causing damage to the device. Users should follow all local and national health and safety regulations for cleaning and disinfection protocols.

Recommended solvent solution for disinfection

- Disinfection ethanol (or industrial 77% ethanol equivalent to disinfection ethanol)
- Hypochlorous acid water (Brand name: Zia clear)
- 70% Isopropyl Alcohol

RECOMMENDED SOLVENT					
	Part Name	Material	Disinfection Ethanol	Hypochlorous Acid Water	70% Isopropyl Alcohol
OCT & Fundus Cameras	Outer cover	ABS	✓	✓	✓
	Touch panel	Glass	✓	✓	✓
	Forehead rest	Silicon	✓	✓	✓
	Chin rest	ADC12	✓	✓	✓
	Chin rest pin	Resin	✓	✓	✓
	Joystick	ABS	✓	✓	✓
	Switch	ABS	✓	✓	✓
	Objective Lens	AR coating glass	✗	✗	✗
	Objective Lens cover	Polyurethane	✓	✓	✓
	Retaining ring	A5056T (Aluminum)	✓	✓	✓
	Stylus pen	Plastic	✓	✓	✓
	Acc box	PP	✓	✓	✓
CT Series	Intraocular pressure measurement window	N/A	✓	✓	✓
	Nozzle	N/A	✓	✓	✓
	Internal glass	N/A	✓	✓	✓
	Stopper knob	ABS	✓	✓	✓
	Handle for chin rest	ABS	✓	✓	✓
SL Series	Eyepiece	A5056BE-F (Aluminum)	✓	✓	✓
	Rubber for Eyepiece	Silicon rubber	✓	✓	✓
CL-300	Holder	PC (Polycarbonate)	✓	✓	✓
	Target unit	POM (Polyacetal)	✓	✓	✓
OMS Series	Silicon cap	Silicon	✓	✓	✓
TRC-NW300	Knob	C3604B (Brass)	✓	✓	✓
SS-3	Handle	Polyacethylene	✓	✓	✓

Disinfection by UV irradiation

Please refrain from use since it may cause the degradation of materials, such as ABS of the outside cover.

Applicability of Anti-fog

More information on the use of anti-fog and masking of the eye piece for SL-Series, etc., will be provided after further investigations.

Retinal Camera Maintenance

The following instructions are intended for the cleaning of the external surfaces of Topcon retinal cameras and the disinfection of the parts of the instrument that come in contact with the patient:

- Forehead rest
- Body cover
- Chin rest bars
- Touch screen



WARNING!

Be careful not to get the retinal camera internal parts wet and clean it only as indicated to prevent damaging it. Never use solvents or other abrasive agents.

Retinal cameras come with a dust cover to be used to protect them. Cover the retinal camera if it is not going to be used for a long period of time.



WARNING!

Before turning on the retinal camera, remove the cover. Never put the cover on when the illumination is on.

Cleaning the body of the retinal camera

Regularly clean dust off the device using a soft cloth. For more persistent superficial dirt, use a soft cloth dampened with water or alcohol at maximum 75%. Never use solvents or a chemical duster.



WARNING!

Use lint-free cleaning cloths when wiping off the lenses.

Cleaning and disinfecting the forehead rest, body cover and chin rest

For daily cleaning

Wipe the forehead rest and the chin rest with a cloth moistened with a warm solution of neutral detergent.

For disinfection

Option 1: Wipe the forehead rest, chin rest side bars and chin rest cup with a cloth moistened with 75% (maximum) alcohol and let air dry.

Option 2: Wipe the forehead rest, chin rest side bars and chin rest cup with a cloth moistened with a diluted solution of hypochlorous acid water and let it air dry.

Slit Lamp Maintenance

The following instructions are intended for the cleaning of the external surfaces of Topcon slit lamps and the disinfection of the parts of the instrument that come in contact with the patient.

- Forehead rest
- Slit lamp body
- Chin rest bars
- Chin rest cup



WARNING!

Be careful not to get the slit lamp illumination unit wet and clean it only as indicated to prevent damaging it. Never use solvents or other abrasive agents.

Slit lamps come with a dust cover to be used to protect them. Cover the slit lamp if it is not going to be used for a long period of time.



WARNING!

Before turning on the slit lamp, remove the cover. Never put the cover on when the illumination is on.

Cleaning the body of the slit lamp

Regularly clean dust off the device using a soft cloth. For more persistent superficial dirt, use a soft cloth dampened with water or alcohol at maximum 75%. Never use solvents or a chemical duster.



WARNING!

Use lint-free cleaning cloths when wiping off the lenses and mirror.

Cleaning and disinfecting the forehead rest, chin rest bars and chin rest

For daily cleaning

Wipe the forehead rest and the chin rest with a cloth moistened with a warm solution of neutral detergent.

For disinfection

Option 1: Wipe the forehead rest, chin rest side bars and chin rest cup with a cloth moistened with 75% (maximum) alcohol and let air dry.

Option 2: Wipe the forehead rest, chin rest side bars and chin rest cup with a cloth moistened with a diluted solution of hypochlorous acid water and let it air dry.

Specular Microscope Maintenance

The following instructions are intended for the cleaning of the external surfaces of Topcon specular microscopes and the disinfection of the parts of the instrument that come in contact with the patient.



WARNING!

Be careful not to get the specular microscope internal parts wet and clean it only as indicated to prevent damaging it. Never use solvents or other abrasive agents.

Specular microscopes come with a dust cover to be used to protect them. Cover the microscope if it is not going to be used for a long period of time.



WARNING!

Before turning on the specular microscope, remove the cover. Never put the cover on when the instrument is on.

Cleaning the body of the specular microscope

Regularly clean dust off the device using a soft cloth. For more persistent superficial dirt, use a soft cloth dampened with water or alcohol at maximum 70%. Never use solvents or a chemical duster.



WARNING!

Use lint-free cleaning cloths when wiping off the lenses and screen.

Cleaning and disinfecting the forehead rest, chin rest bars and chin rest

For daily cleaning

Wipe the forehead rest and the chin rest with a cloth moistened with a warm solution of neutral detergent.

For disinfection

Option 1: Wipe the forehead rest, chin rest side bars and chin rest cup with a cloth moistened with 75% (maximum) alcohol and let air dry.

Option 2: Wipe the forehead rest, chin rest side bars and chin rest cup with a cloth moistened with a diluted solution of hypochlorous acid water and let it air dry.

