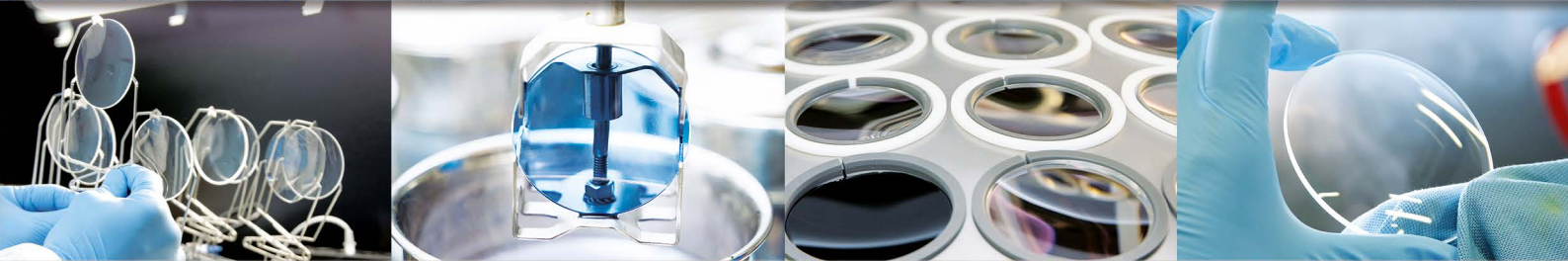




OPHTHALMIC OPTICS



ECOLOGICAL CLEANING SOLUTIONS

 SWISS QUALITY



## CLEANING, PREPARATION AND SURFACE ACTIVATION

Quality, reliability, and expertise applied to surface preparation following cutting and surfacing, surface activation prior to hard coating, and the removal of HC or AR coatings.

### MATERIAL COMPATIBILITY

- Organic glass (1.5 to 1.74)
- Polycarbonate (1.59)
- Mineral glass (1.5 to 1.9)

### STRIPPING

- AR coating (stripping)
- HC lacquer (stripping)
- Mold pollution

### TYPES OF PARTS BY INDEX

- 1.50 - CR39
- 1.53 - Trivex, PNX, Tribid
- 1.56 - Ormex
- 1.59 - PC
- 1.60 - MR8
- 1.67 - MR10

### POLLUTIONS

- Organic compounds
- Abrasives, Cerium oxide
- Dust
- Finger marks
- Blocking alloy and glue
- Inks
- Adhesives

	PRODUITS	pH	TYPE	FUNCTION	APPLICATION/POLLUTION
POLISHING	ADDITIF NF4	13.7	Solvent-based detergent	Ultrasonic process	Marking inks, glues, adhesives
	OPTICAL 2021 <sup>1</sup>	14			
	DECOSPRAY HK	11.7	Detergent	Brush cleaning machine <sup>2</sup>	Cerium oxide, inks, alloy and blocking glue
	CEROWEG EXTRA	14		Ultrasonic process	
	OPTICAL V	14			
	OPTICAL 10 L	5.5		Finishing detergent	

	PRODUITS	pH	TYPE	FUNCTION	APPLICATION/POLLUTION
HARD COATING	STRIPCOAT AR	3.8	Stripping	Ultrasonic process	AR removal
	OPTICAL 2010	12.9 (sol. 3%)			HC removal
	NANOCLEAN TOP	14	Strong alkaline detergent		Surface activation, stripping of moulds
	OPTICAL 10 L	5.5	Light acid detergent		Surface neutralisation
	OPTICAL 30	0.5	Strong acid detergent		
	NANOCLEAN 2018	9.5	Light alkaline finishing detergent		Hydrophilic finish

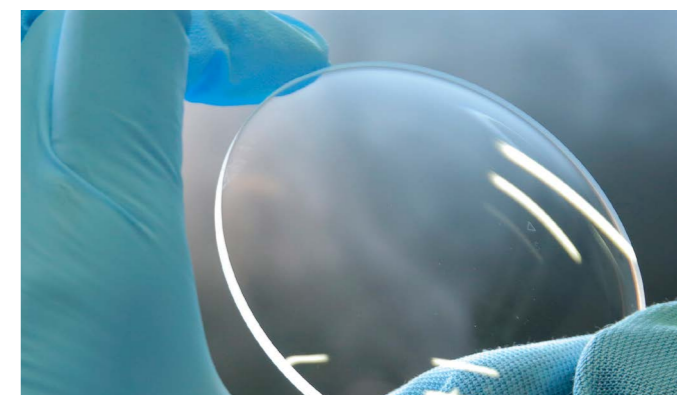
<sup>1</sup> Not compatible with polycarbonate

<sup>2</sup> Requires Butyldiglycol

## CLEANING LENSES AFTER SURFACING OPTICAL 2021, CEROWEG EXTRA and ADDITIF NF4

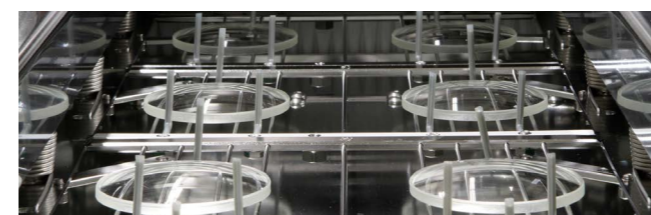
- Process : Ensure a clean surface ready for subsequent treatments or coatings using products such as ADDITIF NF4, CEROWEG EXTRA and OPTICAL 2021.

This step consists in removing residues generated during lens machining, as well as marking inks, traces of glue or alloy and surfacing residues.



## BRUSH MACHINE CLEANING DECOSPRAY HK

- Process: Ideal for cleaning lenses after the surfacing process, DECOSPRAY HK, in combination with Butyldiglycol, eliminates all contamination associated with lens production in brush machines.



## SURFACE PREPARATION BEFORE HARD COATING

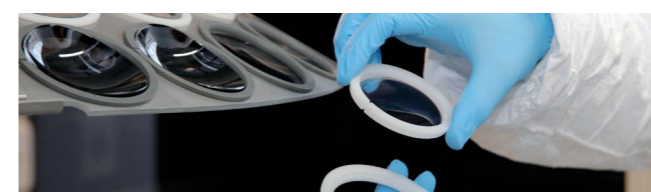
OPTICAL 2010, NANOCLEAN TOP and OPTICAL 10L

- Process : For optimum adhesion, chemically activate the surface with OPTICAL 2010 or NANOCLEAN TOP (liquid version), then neutralize/finish before varnishing with OPTICAL 10L.



## CLEANING LENSES AFTER HARD COATING BEFORE ANTI-REFLECTION NANOCLEAN 2018

- Process : Finishing cleaning of lenses with NANOCLEAN 2018 to remove light pollution (dust, fingerprints) before anti-reflective coating.



## LENS STRIPPING

OPTICAL 2010, NANOCLEAN TOP and STRIPCOAT AR

- Process : Selective removal of anti-reflective (A.R) coatings is carried out with STRIPCOAT A.R. OPTICAL 2010 or NANOCLEAN TOP (liquid version) are used to remove all coatings (A.R + H.C).



### SUPPORT

- NGL Academy:** training on precision cleaning, passivation, water treatment, and HSE regulation
- Application Center:** various cleaning systems and wide range of analytical tools for all types of tests
- Worldwide and local implementation**

### ISO CERTIFICATION\*

- ISO 9001 - Quality
- ISO 14001 - Environment
- ISO 45001 - Health and safety at work

\*Applicable to the production site at NGL Cleaning Technology SA



Find all our products and application notes specific to ophthalmic optics on our website.



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