

autoclave sterilization

619.05.23.10
Frame: directly vented
Lens: clear

619.04.23.10
Frame: indirectly vented
Lens: clear

042.085
 Spare lens

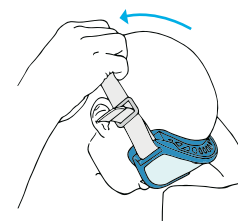


STERILIZATION CYCLES

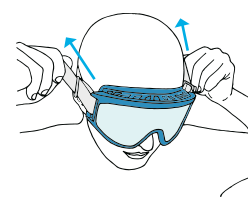


Goggles with polycarbonate lens reusable up to 30 autoclave sterilization cycles with steam at 121° C, 1 atm for 30 minutes.

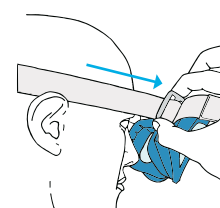
ELASTIC BAND QS 



Pic.1 - Wear the goggles



Pic.2 - Set the length of the elastic band by gently pulling back the ends



Pic.3 - To remove the goggles, loosen the elastic band by letting the cursors to slide forth

TECHNICAL FEATURES

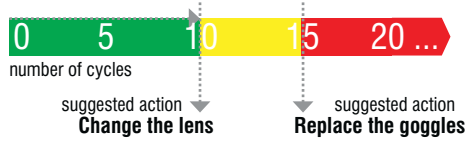
- Polycarbonate Lenses
- Available with directly or indirectly ventilation
- Elastic band in silicone with Quick&Smooth system
- Over the glasses

autoclave sterilization, β and γ ray sterilization



GAMMA RAY radiation with 25 kGy

LIFE CYCLE



REFERENCE PARAMETERS

Lens	VLT = 87.4%
Elastic Band	ΔI = 60.0%

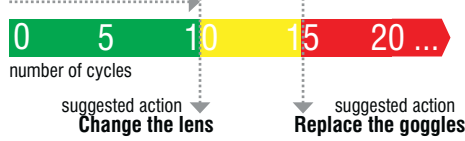
VLT= visible light transmittance
 ΔI = elongation%

Mask elements	Number of cycles		
	0 ÷ 5	5 ÷ 10	10 ÷ 15
Frame	No alteration	No alteration	No alteration
Lens	VLT = 74.9% The lens becomes light yellow	VLT = 68.8% The lens becomes yellow	VLT = 62.8% The lens becomes yellow
Elastic band	ΔI = 40.0%	ΔI = 18.3%	ΔI = 13.3%
Buckle	No alteration	No alteration	No alteration



BETA RAY radiation with 25 kGy

LIFE CYCLE

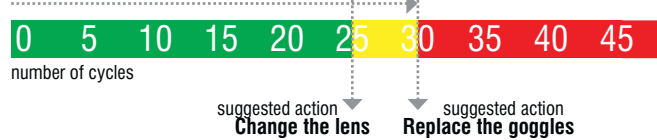


Mask elements	Number of cycles		
	0 ÷ 5	5 ÷ 10	10 ÷ 15
Frame	No alteration	No alteration	No alteration
Lens	VLT = 82.7% The lens becomes light yellow	VLT = 68.8% The lens becomes yellow	VLT = 65.9% The lens becomes yellow
Elastic band	ΔI = 46.6%	ΔI = 21.6%	ΔI = 16.6%
Buckle	No alteration	No alteration	No alteration



Sterilization with STEAM 121°C for 30min in 1 ATM

LIFE CYCLE



Mask elements	Number of cycles		
	0 ÷ 5	5 ÷ 10	10 ÷ 15
Frame	No alteration	No alteration	No alteration
Lens	VLT = 86.2%	VLT = 85.8%	VLT = 84.3%
Elastic band	ΔI = 54.8%	ΔI = 50.2%	ΔI = 42.7%
Buckle	No alteration	No alteration	No alteration