

CLEAN ROOM

Innovation applied to sterilizable devices

611 POLYCARBONATE lens

STERILIZABLE IN AUTOCLAVE

611.S0.00.00
DIRECT VENTILATION



TECHNICAL FEATURES

- Sterilizable in autoclave with vapour steam
- Reusable up to **40 cycles of sterilization** in autoclave with steam at 121°C, 1 atm for 30'
- Frame in special material resistant to several cycles of sterilization
- Anallergic materials: frame-elastic-lens
- Insert RX for prescription lenses on demand
- New antistatic elastic band with QS syetem for a quick setting

ELASTIC QS

QS

NO ADDITIONAL COMPONENT

ELASTIC HOLD

EASE OF MOVEMENT

ANTISTATIC

EASY HANDLING ALSO WITH GLOVES

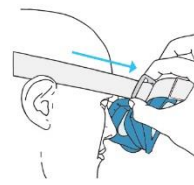
STABILITY OF THE SLIDING CURSOR



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





MARKING

- Reference standards: **EN166 EN170**
- Frame marking: **U EN166 BT 2C-1.2 CE**
- Lens marking: **2C-1.2 U 1 BT CE**

INSERT RX PRESCRIPTION



- Insert item code: **601.OP00.99**

FRAME FEATURES

- Ventilation: **direct**
- Frame material: TPR
- Field of view: 220°
- Weight of complete PPE (g): 128
- Elastic band: antistatic silicone h 30 mm

LENSE FEATURES

- Lens material: polycarbonate
- Lens colour: transparent
- Technical treatment: -
- Thickness mm: 2.25
- Curvature: base 5,0 cylindric
- Optical class: 1
- Visible Light Transmittance: **85,8 %**
- UV protection: 380 nm
- Spare lens item code: **042060**

STERILIZATION TEST RESULTS



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

LIFE CYCLE



number of cycles

suggested action
Change the lens

suggested action
Replace the goggles

REFERENCE PARAMETERS

Lens	VLT = 85.8%
Elastic Band	ΔI = 73.3%

VLT = visible light trasmittance
 ΔI = elongation%

Mask elements	Number of cycles		
	0÷20	20÷30	30÷40
Frame	No alteration	No alteration	No alteration
Lens	VLT = 82.6%	VLT = 82.3%	VLT = 81.4%
Elastic band	ΔI = 63.3%	ΔI = 61.2%	ΔI = 58.3%
Buckle	No alteration	No alteration	No alteration