

# CLEAN ROOM

Innovation applied to sterilizable devices

## 611 POLYCARBONATE lens



## STERILIZABLE IN AUTOCLAVE

## DC6115 UNIVET GOGGLES



### TECHNICAL FEATURES

- Sterilizable in autoclave with vapour steam
- The **treatment AF<sup>121</sup>** applied to the lens grants at the same time prevention from scratches and fogging, up to **10 cycles of sterilization with steam**
- Frame constructed from a special material, resistant up to 40 cycles of sterilization
- The interchangeable lens grants an extended reuse of the goggles
- Anallergic materials: frame-elastic-lens
- Insert RX for prescription lenses on demand
- New antistatic elastic band with system QS for a quick setting

ELASTIC QS

QS

NO ADDITIONAL COMPONENT

ELASTIC HOLD

EASE OF MOVEMENT

ANTISTATIC

EASY HANDLING ALSO WITH GLOVES

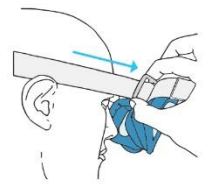
STABILITY OF THE SLIDING CURSOR



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



For more information phone 02 9851 4600 or visit our website [www.cleanroom.com.au](http://www.cleanroom.com.au)



### MARKING

- Reference standards: **EN166 EN170**
- Frame marking : **U EN166 3 4 BT 2C-1.2 CE**
- Lens marking : **2C-1.2 U 1 BT K N CE**

### INSERT RX PRESCRIPTION

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



### FRAME FEATURES

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

### LENSES FEATURES

- Lens material: polycarbonate
- Lens colour: transparent
- Technical treatment:
  - **antifog**
  - **antiscratch**
- Thickness mm: 2.80
- Curvature: base 5,0 Ciyindric
- Optical class: 1
- Visible Light Transmittance: **89.7 %**
- Protection UV: 380 nm
- Spare lens item code: **042120M**



### STERILIZATION TEST RESULTS



Resistance to fogging of oculars  
EN166:2001 Clause 7.3.2

SAMPLE	TIME TO FOGGING [s]	'N' MARKING REQUIREMENT [s]
AF121	>30	>8

Resistance to surface damage by fine particles  
EN166:2001 Clause 7.3.1

SAMPLE	REDUCED LUMINANCE FACTOR [cd/lx·m²]	'K' MARKING REQUIREMENT [cd/lx·m²]
AF121	1.2	<5

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

LIFE CYCLE



REFERENCE PARAMETERS

Elastic Band	$\Delta I = 73.3\%$
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$\Delta I = \text{elongation}\%$

### LIFE CYCLES OF THE FRAME

Mask elements	Number of cycles		
	0 ÷ 20	20 ÷ 30	30 ÷ 40
Frame	No alteration	No alteration	The material hardens
Elastic band	$\Delta I = 63.3\%$	$\Delta I = 61.2\%$	$\Delta I = 58.3\%$
Buckle	No alteration	No alteration	No alteration