



# Isofield Isoclave IV

## Autoclavable Cleanroom Goggles

Last updated **25 Mar 2024**



PRODUCT CODE

**REF** 50110  
SIZE UNIVERSAL

**CE**    **EN166:2001**  
**ISO 16321-1:2021**

### PRODUCT INFO

Autoclavable Cleanroom goggles  
Indirect upper and lower ventilation  
Panoramic visibility  
Fits over standard prescription glasses  
Ergonomic frame with flexible nose skirt  
Premium anti-scratch, anti-fog lens  
Tested against EN 166 and ISO 16321-1  
Certified to PPE Cat II  
Non-sterile—goggle must be processed prior to use

### CLEANROOM COMPATIBILITY

GMP Grade A cleanroom  
GMP Grade B cleanroom  
ISO Class 4 cleanroom  
ISO Class 5 cleanroom  
Class 10 cleanroom  
Class 100 cleanroom

### QUALITY ASSURANCE

Manufactured in a facility operating under ISO 9001:2015 quality management system  
Complies with relevant requirements in EN 166:2001

### APPLICATIONS

Preparation of sterile emulsions  
Filling of glass vials and syringes  
Handling of sterile equipment

### STORAGE & SHELF LIFE

Store in a dry, cool place (<40°C) away from direct sunlight  
Do not expose open cartons to prolonged direct fluorescent light  
Five (5) years from date of manufacture

### PACKAGING

1 piece per sealed PE bag,  
10 pieces per inner box,  
5 boxes per carton (50 pieces)

## PHYSICAL PROPERTIES

PHYSICAL PROPERTIES	VALUE
Lens material	Medical-grade polycarbonate (PC)
Frame material	Thermoplastic Rubber (TPR)
Headband	Silicone
Side Clips Material	Polypropylene
Typical goggle weight	100g
Typical lens thickness	2.0mm
Overall height	87mm

## TECHNICAL PROPERTIES

NORM	TEST REFERENCE	EXPLANATION
Autoclave test	121°C for 30 minutes at 1 PSI	Determines maximum number of autoclave cycle before defect is observed
Requirement for protective eyewear	EN 166:2001	Basic requirement which include assessments on optical class, energy impact and protection against droplets/ splashes of liquids



**Frame:**  
Tested to withstand 40 autoclave cycles

**Lens:**  
Tested to withstand 35 autoclave cycles

## LOADING

	EURO-PALLET	STANDARD PALLET
Pallet size	W80 L120cm	W100 L120cm
Gross weight	8.5kg	8.5kg
Carton size	W39.5 L44 H55cm	W39.5 L44 H55cm
Nett weight	5.5kg	5.5kg
Air freight pallet	Max height: 125cm Layers: 2 Cartons: 8	Max height: 125cm Layers: 2 Cartons: 12
Sea freight pallet	Max height: 180cm Layers: 3 Cartons: 12	Max height: 180cm Layers: 3 Cartons: 18

## DOCUMENTATION



CERTIFICATE OF CONFORMANCE (COC)  
CERTIFICATE OF ANALYSIS (COA)

View [sample](#) of COC & COA



DECLARATION OF  
CONFORMITY (DOC)

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FACTORY RELATED CERTIFICATIONS

To request ISO9001 certificate,  
please [email us](#)

Country of origin: **Malaysia**  
HS Code: 9004909000

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