Isofield®
Protecting Life Science



Isofield Isoclave IV

Autoclavable Cleanroom Goggle with Upper & Lower Vents

Last updated **20 Oct 2026**

PRODUCT CODE

REF 50110
UNIVERSAL SIZE

CE 40°C 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
Three (3) years from date of manufacture

PACKAGING

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

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 requiremement which include assessments on optical class, energy impact and protection against droplets/ splashes of liquids



LOADING

	EURO-PALLET	STANDARD PALLET
Pallet size	W80 L120cm	W100 L120cm
Gross weight	8.5kg	8.5kg
Carton size	W39.5 L44.5 H53.5cm	W39.5 L44.5 H53.5cm
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)
CERTIFICATE OF PROCESSING (COP)

View sample of COC, COA, COP

DECLARATION OF CONFORMITY (DOC)

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FACTORY RELATED CERTIFICATIONS

To request ISO9001 Certificate, please email us



Made in Malaysia
HS Code: 9004909000

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EUROPE

ISOFIELD (IRELAND) LTD
Charter House, 5 Pembroke Row, Dublin 2
Dublin, D02 FW61, Ireland

ASIA

ISOFIELD SDN BHD
6 Jalan Gudang 16/9, Seksyen 16, 40200, Shah Alam,
Selangor, Malaysia, T +603 5512 1709

CONTACT

www.isofield.com
enquiries@isofield.com