

Protective glasses against laser radiation 9000-11000nm, OD7

Reference: AM1323
EAN13: -
HS code: 90132000



Product attributes:

Product features:

Optical absorption: OD7

Product description:

Professional laser safety glasses model **3909** provide reliable eye protection in the wavelength range of **9000-11000 nm** with an optical density of **OD7+**. They are designed for work with CO₂ lasers and other infrared radiation sources where there is a risk of eye damage. They offer high wearing comfort, excellent mechanical resistance and an elegant ergonomic design suitable for industrial and laboratory use.

Technical specifications

- **Model:** 3909
- **Protection spectrum:** 9000-11000 nm (IR, CO₂ laser)
- **Optical density:** OD7+
- **Lens material:** Polycarbonate with absorption layer
- **Frame material:** Polycarbonate + silicone
- **Weight:** 39g
- **Dimensions:** 145 × 125 × 55 mm
- **Construction:** Full-frame with high impact resistance
- **Certification:** CE EN166, ANSI Z87.1

Functions and features

- Effective eye protection from infrared laser radiation (CO₂ lasers, IR engraving systems).
- Absorbing lenses with uniform protection regardless of the angle of incidence of light.
- Resistant to scratches, impacts and liquid splashes.
- Integrated temples and soft silicone tips for comfortable wear.
- Ventilated frame to reduce fogging (anti-fog effect).
- Lanyard hole design - secure hold while working.
- UV protection and high durability of the material even with frequent use.

Ideal for

- Working with CO₂ lasers (engraving, cutting, marking)
- Laboratory and research applications in the IR spectrum
- Optical testing and industrial operations with infrared radiation
- Safety equipment for laser operators

Package contents

- 1× Laser safety glasses model 3909
- 1× Protective case
- 1× Lens cleaning cloth

Why choose this product?

- Highly effective protection against infrared laser radiation (CO₂ lasers).
- **CE EN166 + ANSI Z87.1** certification guarantees European and international safety standards.
- Ergonomic design for long-term and comfortable wear.
- Made of durable polycarbonate for long life.
- An ideal choice for professional use in industry, science and healthcare.

Why use safety glasses?

Laser radiation can cause permanent damage to your eyes even after short-term exposure. These high optical density (OD) glasses effectively block dangerous wavelengths and protect your eyes from both direct and reflected radiation. The clear lenses ensure comfort and good vision even during extended work.

What should you watch out for?

Always check before use that the wavelength of your laser falls within the protective range of these glasses. When working with powerful lasers, we recommend combining it with other safety measures.

