



Laser Eyewear Care

Laser Eyewear

When full containment of a Class 4 or Class 3b beam path is not possible, an ocular hazard may be present and laser safety eyewear may be required.

It is imperative to use proper cleaning and storage techniques to prevent damage from harsh cleaning agents and surface scratches to laser eyewear.

Storage

- Store glasses in a protective case or designated location when not in use.
- Take care not to rest eyewear on the lenses as this may scratch the surface.

Eyewear Inspection

- Inspect eyewear integrity prior to use, check for:
 - o Scratches, cracks, pits, discoloration, and coating damage on attenuation material
 - o Mechanical integrity of the frame
 - o Free of weak elastic bands on goggles
- Cease from using damaged eyewear immediately
- Document eyewear inspection for all laser eyewear present every 6 months

Cleaning Eyewear

- Clean eyewear between users to prevent the spread of pathogens
- Recommended decontamination using **warm water and dish soap**.
- Dry with soft lint free cloth
- **DO NOT** clean eyewear when dry, this may damage surface coatings
- **DO NOT** use highly caustic solutions
- **DO NOT** immerse into water, nor sterilization/disinfectant fluids

If you have laser safety questions, please contact:

Lasersafety@lists.uchicago.edu

Additional Information regarding research safety pertaining to COVID-19 can be found at the Office of Research Safety COVID-19 Website:

<https://researchsafety.uchicago.edu/covid-19/>