

laservision®



Laser Safety **PROTECTION**

Barriers / Windows / Enclosures

v4




we protect your eyes

laservision®

Rapid advancement in laser technology makes laser safety more important than ever before. New lasers in medicine, defense, research and industry present unique challenges for safety and personal protection.

laservision USA, part of uvex safety group, is committed to providing you the best and most advanced laser safety protection. Our Certified Laser Safety Officers (CLSOs) are available to help customers worldwide find the protection they require.

LASER SAFETY PROTECTION - CATALOG

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we protect your eyes

Our brand vision

As a leading manufacturer of laser safety products, we are committed to providing innovative products and services, based on the precise needs of our customers. Protecting you from artificial optical radiation is our core mission. With our high level of proficiency, new ideas and a dedication to customer service, we will meet this challenge.

Our attention to detail throughout the entire process allows us to guarantee high-quality, dependable products and personal service. We operate according to three core brand values to ensure we meet the highest standards of safety and reliability: Innovation, Quality and Customer Orientation.



Innovation

laservision delivers certified eye protection against laser radiation. As advancements in laser technology continue, we constantly address new challenges with innovative products and services. Comprehensive experience and a motivated team are the perfect combination to ensure the continued development of new laser safety solutions. We stay true to our mission of **“we protect your eyes”**.

Quality

Since 1987, the name laservision has been synonymous with first-class quality you can rely on. Our well-established technology and development expertise ensures that our products are a step ahead. ISO-certified processes guarantee the reliability, precision and durability of laservision products.

Customer orientation

We understand the precise needs of our customers. This knowledge forms the basis and focus of our work. By request, we develop and manufacture customer-specific laser protection products in close collaboration with independent certification bodies. From individual product development to qualified advisory services, protection of health is the core focus at laservision, in line with the uvex group's brand mission: protecting people.

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Our products and services

As your worldwide **LASER SAFETY** expert for more than thirty years, laservision offers a full-array of laser safety products, keeping you safe from laser applications in medical, research, military, industrial, manufacturing and more.



Eyewear and filters

Manufactured in-house, we offer a wide range of laser safety eyewear filters that provide varying degrees of protection and visible light transmission (VLT) levels, and a wide selection of frames that offer comfort, style, durability, and maximum field of view. Custom solutions are created based on your laser safety requirements.



Barriers (Curtains, Panels and Enclosures)

We have developed a complete line of laser protection systems with well-adapted accessories tested to withstand a variety of laser output parameters. Barrier frames are designed to reduce specular reflections and are supported by heavy-duty hardware that can be mounted or portable to meet your specifications. Curtains and panels can be custom ordered to fit any space.



Windows

Our large selection of laser safety windows can be customized to facilitate most laser environments, including doors, rooms, walls, laser systems and enclosures. The ultimate protection is our Active Window that will automatically shut down the laser when struck by a stray beam.



Consulting, training and audits (Online or in-person)

Laser Safety Officer and Awareness training programs are created and taught by Certified Laser Safety Officers (CLSOs). These programs are designed to address safety issues and present methods for controlling laser hazards. Custom training options are available. Contact us for laser safety audits and regulatory approval assistance to be in compliance and avoid accidents and penalties with OSHA and ANSI.

Laser Safety Panels

Panel systems offer higher protection levels compared to laser safety curtains. Our panel systems provide you with optimum protection in a lightweight structure.



Portable foldable panels BMO

- Extremely versatile system constructed with 360° hinges
- Easy movement and storage to maximize space
- Moves and positions easily to fit around application
- Available in 3, 5, 7 and 9 panel systems, extending to 25' W x 6'10" H
- Windows added upon request



Laser safety panels



Portable extendable panels BM2

- Easy movement and storage to maximize space
- Panels slide in and out to fit your application
- Available in 3, 5 and 7 panel systems extending up to 15'6" W x 6'10" H

Custom framed panels BM3

- Tailored to your laser containment requirements
- Designed as portable or mounted system
- Variety of layout alternatives
- Built from black aluminum hardware



Panel specifications

Part #	M5P06 Panel	X5P01 Panel
Images		
Color	Black	Black
Laser Safety Rating*	1,000 W/cm ² 315-1050 nm 2,500 W/cm ² >1050-1400 nm 10,000 W/cm ² 10600 nm	10,000 W/cm ² 315-1050 nm 25,000 W/cm ² >1050-1400 nm
Description	Two layers of lightweight aluminum bonded with corrugated polyallomer core.	Durable aluminum foam structure for high-power laser applications.
Features	Maintenance-free, strong, doesn't swell, chip, corrode or peel.	
Available Products	Standard/Custom Framed Barriers. Extendable and Foldable Barriers. Optical Table and Enclosures	

*Tested for 100 seconds at 1mm beam diameter

Curved ceiling
mounted curtain
for clinic door



Floor mounted curtain



Portable foldable panel
system with optional
window installed



Laser Safety Enclosures

Our custom enclosures, large and small, are individually designed to accommodate any laser application. Enclosure material is certified to protect your employees from laser radiation.

- Laser protection windows allow for safe viewing
- Door interlocks provide safe access to laser
- Design and installation support included



Laser safety enclosures

Side view on
assembly line



Optical Table Panels

Modular design with time-saving assembly. Provides accessibility to optical components while maintaining laser safety parameters



Window enclosure



laservision®

Laser Safety **NEW**

Custom modular barrier system

New modular design allows for fast and easy construction of protective barriers and enclosures. We customize each unit with laser-rated panels and safe viewing windows, according to your requirements. Each segment can be equipped with wheels for a more portable solution.

- Designed to fit your laser environment
- Certified laser barrier materials for multiple power densities
- Incorporates laser safety windows and doors
- Wall segments - Standard width 39" and three height options: 19.5", 39" and 78"
- Quick and easy set-up



Laser safety modular barrier system



Wall segment

- Standard width 39"
- Three height options: 19.5", 39" and 78"
- Panel and window options available



Door module

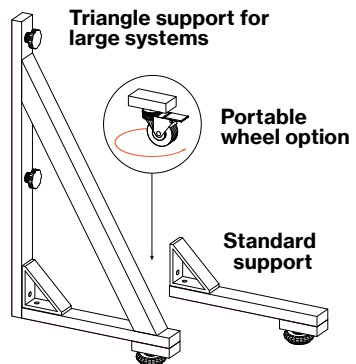
- Standard dimensions 78" x 39"
- Right or left hinged
- Covered gaps
- Panel and window options available



Corner connection

Features a 90° corner in three height options: 19.5", 39" and 78"

Leg supports



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Laser Safety

Eyewear • Barriers • Windows • Training

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ISO Certified

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