

laservision®



Laser Welding Safety Products



LASER WELDING FACESHIELD

- » Designed in accordance with ANSI Z136.1 to work with handheld fiber laser welders
- » Protects welders from diffuse laser radiation
- » Modern, light-weight protection
- » Spring loaded visor mechanism
- » Optical density 7+ for common fiber laser wavelengths
- » Anti Fog coating on the inside – Anti scratch coating on the outside
- » Available in three filters including P10, P18, and P22
- » Z87.1 compliant



adjustable tightness dial



P10 Filter

Color: Blue

VLT: 16%

Filter Specifications (OD):

3LV1 F KN CE

1000 - <1030 D LB6 + I LB7 (OD7+)

1030 - 1100 D LB6 + ILB8 (OD8+)

LV F CE

CE UK



P18 Filter

Color: Olive Green

VLT: 47%

Filter Specifications (OD):

185 - 315 D LB10 + IR LB4 (OD10+)

>315 - 466 D LB5 + IR LB8 + M LB8Y (OD8+)

800 - <880 DIRM LB6 (OD6+)

880 - 1070 D LB6 + IR LB8 + M LB10 (OD10+)

>1070 - 1080 DLB6 + IRM LB8 (OD 8+)

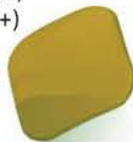
>1080 - 1087 D LB6 + IRM LB7 (OD7+)

>1087 - 1100 DIRM LB6 (OD6+)

5250-14000 DI LB4 + R LB3Y (OD5+)

LV CE

CE UK



P22 Filter

Color: Blue-grey

VLT: 12%

Filter Specifications (OD):

3 LV1 KN CE

1000 - <1030 DI LB6 (OD6+)

1030 - 1100 D LB6 + I LB7 (OD7+)

LV CE

CE UK





LASER WELDING HELMETS

- » Available in passive or patented ShadeTronic® auto-darkening models
- » Certified laser safety filter with optical density 7+
- » Auto-darkening option with protection levels 3-12
- » Unique nose cut-out provides a field of view that is 6x greater than that of a standard welding lens
- » Helmet shell protects from traditional welding hazards, such as splashes and UV & IR radiation
- » State of the art IsoFit® headgear reduces neck fatigue and provides all day comfort
- » Meets all applicable ANSI and CE laser safety and welding standards
- » Includes grinding mode

Passive

Auto-darkening



Panoramaxx
Green Filter



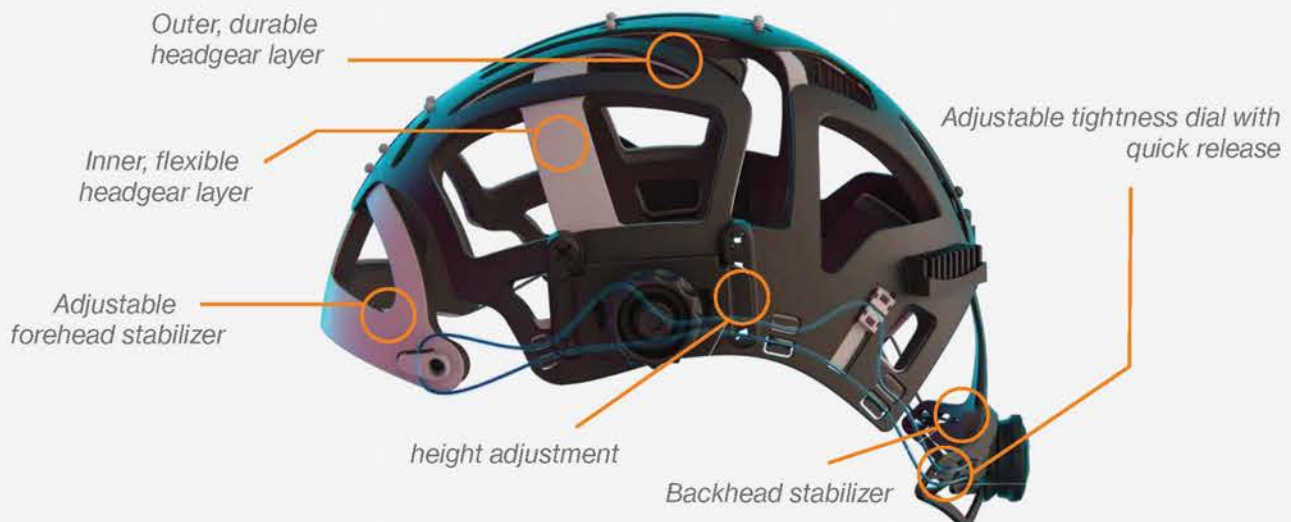
Panoramaxx
Hybrid
Green Filter

Panoramaxx
Hybrid CLT
Clear Filter



Auto-darkening protection

State of the art head support

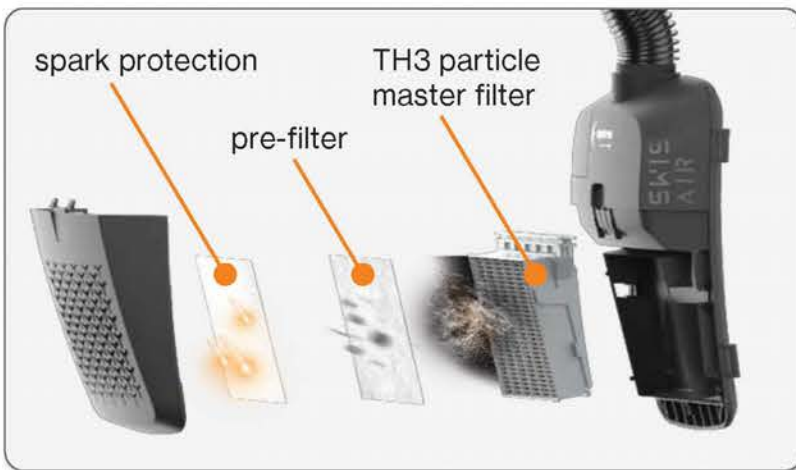


WELDING ACCESSORIES



Swiss Air PAPR (Powered Air-purifying Respirator) System

- » Flame-retardant, ventilated half-mask
- » Powerful TH3 filter unit to protect from 99.8% of all harmful particles, aerosols, vapors, smoke and viruses
- » Positive pressure to support breathing and avoid fatigue
- » Central control panel for filter and battery status, airflow regulation, automatic altitude, and temperature compensation
- » Automatic airflow calibration
- » 14-hour, high-performance battery
- » Adjustable head harness (XS-XL)



Other Accessories



KN-95 Masks

Five layers of fully adjustable respiratory protection. NIOSH approved to reduce exposure to harmful toxins and non-oil-based particles.



HeatArmor® 5050

A welding glove built for high heat and tough operations with HeatHide® technology, Goatskin reinforcements, and 360° A6 cut protection.



HeatArmor® 1018

A heat and flame resistant arm guard with a cut resistant inner layer. Featuring HeatHide® split cowhide leather that prevents cracking or shrinking

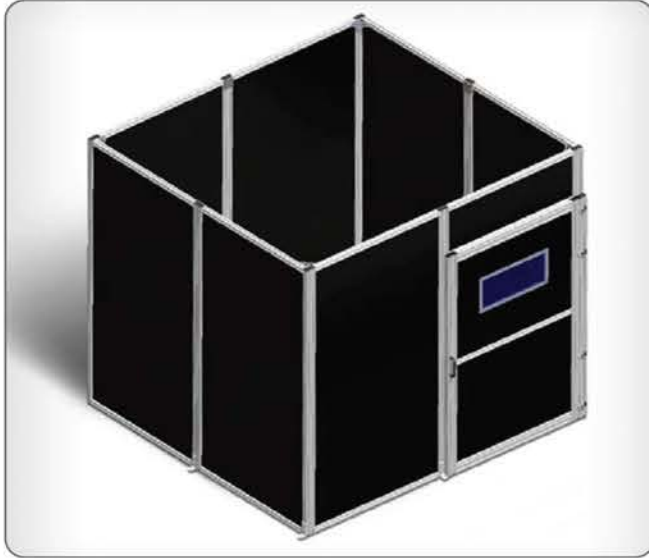


NX1 Weld Shade

Grey-tinted welding eyewear, to keep workers protected from unexpected light glare, UV, infrared rays, and sparks when working around welds.



LASER WELDING BOOTHS



Heavy Duty

- » 3 standard sizes: 8x8 - 10x10 - 12x12
- » Swinging door
- » Viewing window
- » Pre-assembled panels for easy installation
- » Floor anchors
- » Open roof (roof kit available separately)

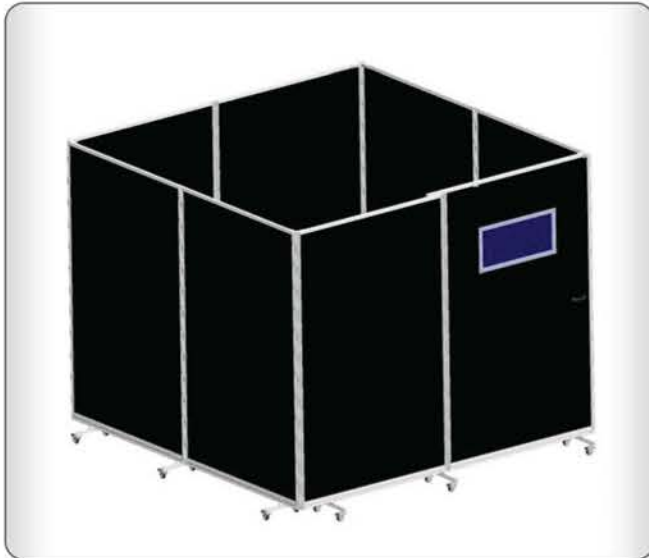
Add on options:

- » Extra window(s)
- » Interlock switch
- » Roof with lighting kit

8'x8'

10'x10'

12'x12'



Portable

- » 3 standard sizes: 8x8 - 10x10 - 12x12
- » Swinging door
- » Viewing window
- » Pre-assembled panels, for quick set up
- » Easy to move and shape

Add on options:

- » Extra window(s)
- » Interlock switch
- » Double door kit

8x8'

10x10'

12x12'

M5P06

Color	Black
Weight	.78 lb./ft ²
Thickness	0.232 in. ± 1/32 in.

Irradiance Specifications	
Wavelength	Maximum Irradiance*
315 - 1050 nm	1,000 W/cm ²
>1050 - 1400 nm	2,500 W/cm ²
10600 nm	10,000 W/cm ²
*Tested for 100 seconds at a 1mm beam diameter	

Both styles are also available in custom sizes and options. Contact our sales team at sales@lasersafety.com for more info!

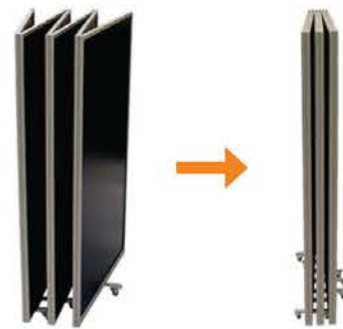
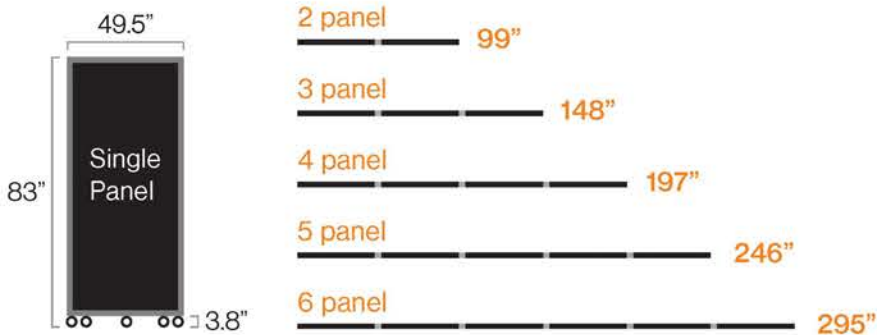
FOLDABLE LASER SAFETY BARRIER

- » 2, 3, 4, 5 and 6 panel systems
- » 360° hinges that allow you to move and re-position your barrier
- » Laser safety rating of up to 10,000 W/cm² for 100 seconds
- » Great for laser welding applications
- » Easily folds for storage
- » Customizable options with any window to meet your laser requirements
- » Custom door kit can be added anywhere on the foldable system

Also available in custom designs



Accordion folds to take up a fraction of the space of a traditional barrier system!



Six panel system



LASER WELDING CABINS

- » Custom designed to meet your specifications
- » On-site, professional installation
- » Ideal for high-powered laser applications
- » Laser safe components that include:
 - Safety systems
 - Automated and manual doors
 - Active and passive windows