

## YAMAMOTO Laser Safety Modular Enclosure



### Aluminum frame

- Light weight, installation & easy to assemble (Patented)
- Toughness, impact-resistant (Japanese Industrial Standards product)
- Alumite coating be excellent at rustproofing, drip-proofness, insulating ※Possible to use at food factories

### Structures for laser safety

- Special frame structure for laser safety (Patented)
- Compatible with external interlock system (as an optional extra)
- Many lineups of laser shielding materials are available

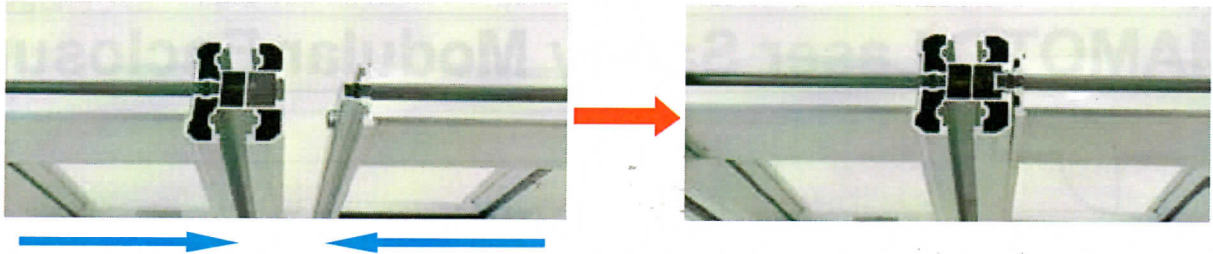
### Free design

- Combination is freely selected from lineup such as fixed leg and caster type
- A lot of options such as sliding, hinged and double-leaf door
- We offer one stop service such as design to quotation according to your shielding area

Point

# Special frame structures for laser safety

## Connection of fence

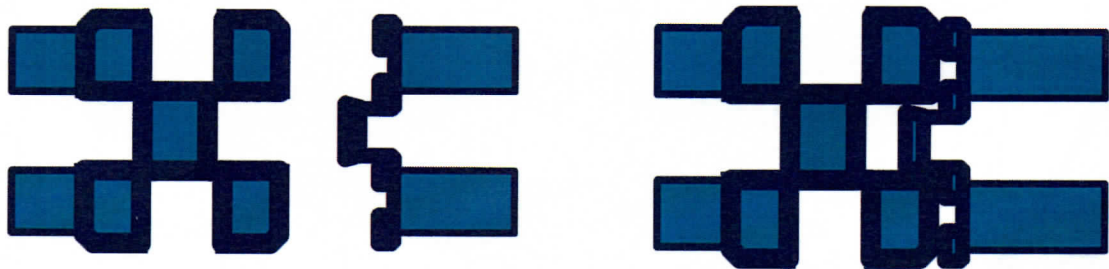


Dedicated connection part

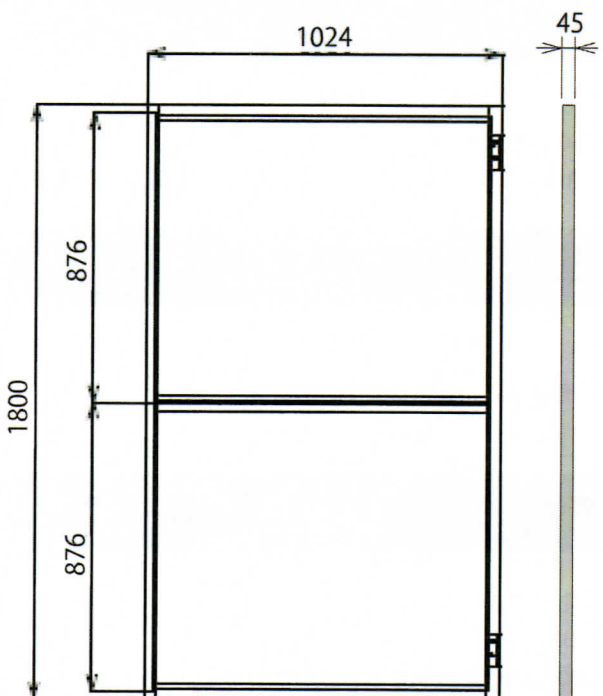
About YAMAMOTO Laser Sefty Fence. . .

Adopted of special fit structure for fence frame connection  
The fence does not have a gap between frames, so the frames do not need the sealing for connecting with frames.  
By connecting with dedicated parts, assembling is easy because of simple structures.

## Plane Figure

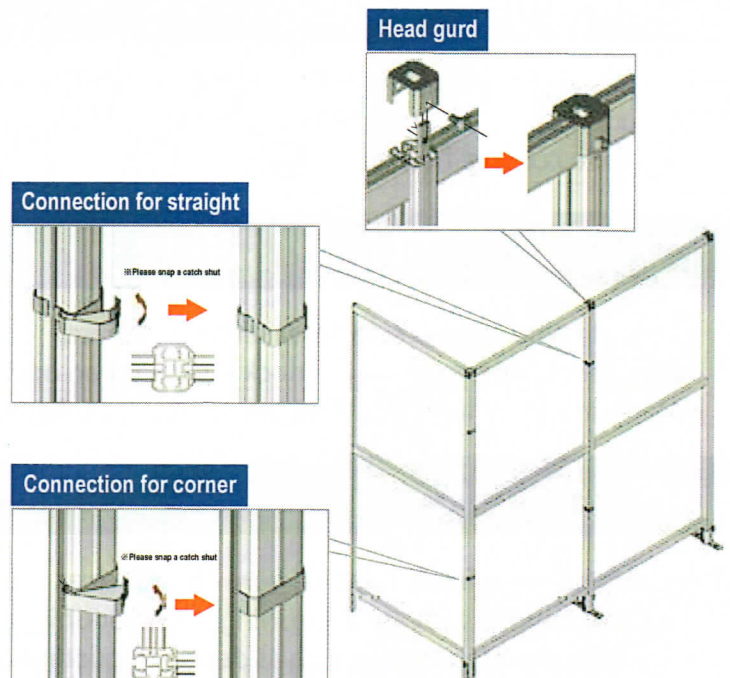


## Standard fence



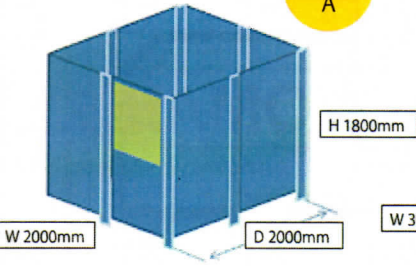
Point

(Patented structure)

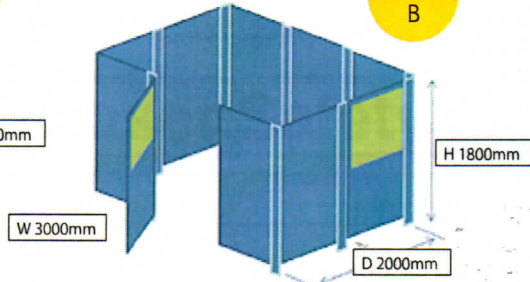


## Standard size

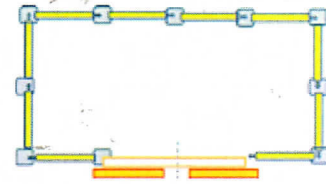
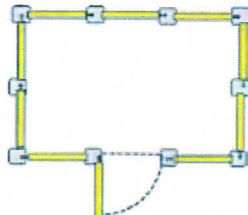
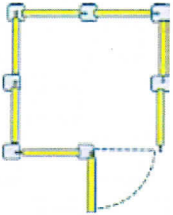
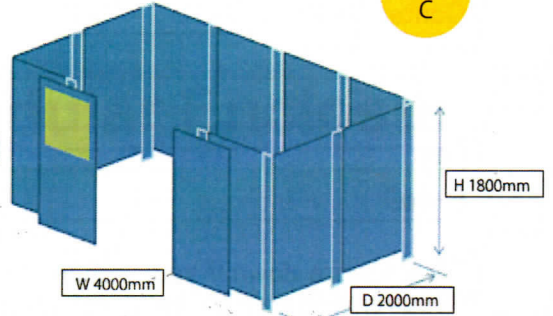
Pattern A



Pattern B



Pattern C



Pattern A

Area	2000 × 2000mm
Door type	Sliding
Observation window	1
Window	YL-500 Fiber ☑☑
Bottom of panel	Fixed foot
Price	¥1,200,000

※Shipping cost&construction cost extra

Pattern B

Area	3000 × 2000mm
Door type	Hinged
Observation window	2
Window	YL-500 Fiber ☑☑
Bottom of panel	Fixed foot
Price	¥1,400,000

※Shipping cost&construction cost extra

Pattern C

Area	4000 × 2000mm
Door type	Sliding
Observation window	1
Window	YL-500 Fiber ☑☑
Bottom of panel	Fixed foot
Price	¥1,600,000

※Shipping cost&construction cost extra

## Laser Shield Window YL-500 Fiber ☑☑



Specification

Material	Polymethyl Meta Acrylate	Visible light transmittance	40%
Filter type	Absorption	Thickness	3.5mm
Certification	CE (EN207,EN12254)		
Country of origin	Japan		

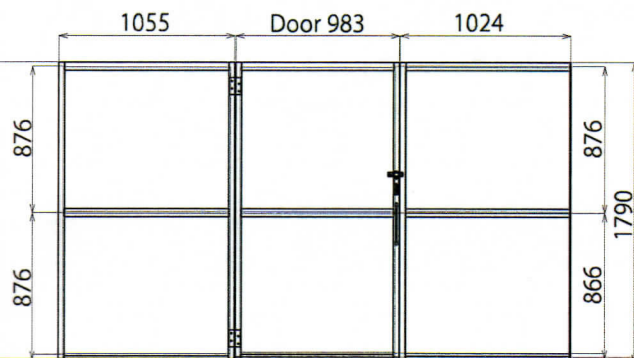
Filter specification (Filter Code: W-009)

Wavelength(nm)	180-315	315-380	915-1180	2720-2940	5000-11000
Optical Density	10<	8<	7<	4<	3<

## Option

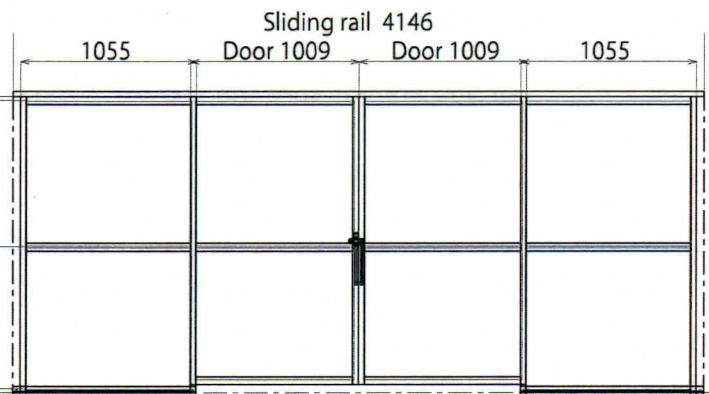
○Detail of sliding door

784(Opening width of single door)  
1528(Opening width of Double door)



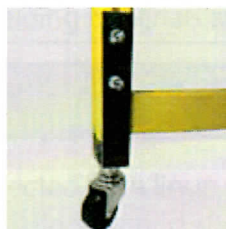
○Detail of swing door

810(Opening width of single door)  
1615(Opening width of Double door)



● Safety Plug

Available to use it as measure for safety that is connected to a power source on the equipment



● Caster Unit



● Designation signage



● Laser safety signage



● Signage to wear safety glasses

## Inquiry for quotation

Company name \_\_\_\_\_

Department \_\_\_\_\_

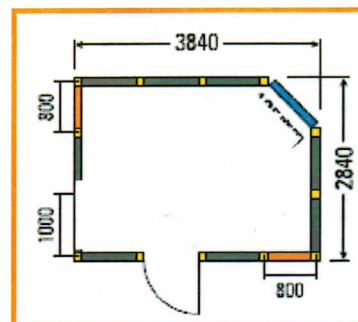
Contact Person \_\_\_\_\_

Address \_\_\_\_\_

Tel \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_



Please write down if your requirement is not standard size.

Requirement area to construct safety fence ※It doesn't matter whether you write rough sketch.

### Door Type

Sliding type	<input type="checkbox"/> left hand	<input type="checkbox"/> right hand	Required Number	piece(s)
Hinged type	<input type="checkbox"/> left hand	<input type="checkbox"/> right hand	Required number	piece(s)
Double-leaf type	<input type="checkbox"/>		Required number	piece(s)

### Observation window

Required Number \_\_\_\_\_ piece(s) (Maximum opening: 1000 × 950mm)

Part number of laser shield window; \_\_\_\_\_

(If you are not sure the number, please fill a blank space as below)



Your laser specification \_\_\_\_\_

Wavelength	(nm)	/Power	(mW·W)
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### Desired Option

Interlock Safety plug Caster

Safety glasses for an operator

After installation, measuring service for leaking laser

Please contact us for further information.