YTS-406

LASER BARRIER CURTAIN
CE YL-2200／YL-2300

1 General remarks
All persons staying in the danger zone of the laser radiation must shield the laser and use an appropriate protector. This product protects user from accidental exposure of laser radiation. This product meets the basic safety and health requirements of directive (EU) 2006/42/EEC, and harmonized standard EN 12254: 2010.

英文

Note: Please check the CE declaration form from each page of the corresponding product at the following URL.
https://www.yamamoto-kogaku.co.jp/en/ce/

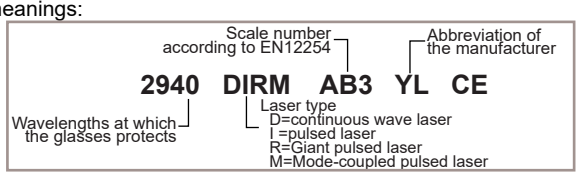
WARNING
- Use a product that is suitable for the laser used. Misuse can lead to serious accidents.
- The user needs to understand the risk of the laser used by him / her and select protective equipment suitable for the laser. (For details, refer to "EN 60825-4: 2006, Annex B".)
- There is a risk of unexpected laser irradiation due to reflection, tilt or displacement of the mounted optical parts or optical parts.
- Before use, be sure to check scratches and tears, laser marks and so on. In such cases, please discontinue to use.
- If the exposure by laser irradiation mark is confirmed by the inspection before use, please do not use after that. Example: Change in surface after ignition, partial transpiration of fiber due to high temperature (dough cutting, laser perforation), etc.
- If in use it is confirmed that the product has been damaged by laser exposure, discontinue to use immediately. (Included cases where smoke or ignition was confirmed by visual inspection or smell)
- Protection ability against laser light depends on factors such as irradiation time, laser output and wavelength. Please do not use it like the termination process of the laser beam.
- This product is not for substitute for laser protection glasses.

2 Storing
Please handle it carefully.
①Do not bring other objects into direct contact with the product. Scratches and tears may occur.
②Avoid repeated contact of the surface and the skin.
③Due to the material nature of this product, white spots may appear on the product surface, but it is not harmful to the human body and there are no problems with quality or performance.
④Do not store in direct sunlight, high temperatures, or places where organic solvents are used.

3 Cleaning
① If the product gets dirty, wipe it gently with a soft cloth or the like containing water.
●Do not wipe the product with dirty gloves, towels or cloths.
② This product is made of cloth. Depending on the type of organic solvent, acid and alkali, performance degradation and material change may occur such as discoloration or breakage.
●Make sure that organic solvents and chemicals such as thinner, alcohol and benzine do not adhere to the product. Do not wash with chemicals.

4 Expiration date for use
In case of following situations, please change the product to new one without using it.
①When changes in appearance such as scratches and fray could be confirmed.Product changes such as melting or charring etc by the laser light.
②After the product receives strong impacts even if it has normal appearance.
③After exposing against strong light and high temperature,the change of color and deformation of the product might be found.
④Three years later, the user should replace the product even under normal use and conditions.

5 Meaning of markings
In order to be able to use the glasses as intended, certain markings have to be affixed to the frame which have the following meanings:



6 Field of application
This product protects user against scattered light and diffuse reflection of a laser beam and it gives the user the possibility to protect from the laser beam within a certain period of time (max.100 sec resp.1000 pulse). This product has following features:

<YL-2200>

	OUTPUT	IRRADIANCE, EXPOSURE	Scale number (EN12254)
CW	1000W	3.2×10^{6} W/ ㎡	D AB6
PULSE	7.3J	9.3×10^{4} J/ ㎡	I AB7

※ Disk Laser (1030nm) oscillation (in-house test)
※ EN 12254: 2010 (CW: 100 seconds, PULSE: 1000 pulses)

<YL-2300>

	OUTPUT	IRRADIANCE, EXPOSURE	Scale number (EN12254)
CW	10W	3.2×10^{6} W/ ㎡	D AB5

※ Nd:YAG (1064 nm) oscillation (in-house test)
※ EN 12254: 2010 (CW: 100 seconds, PULSE: 1000 pulses)

Manufacturer
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