

kineFLEX™ Laser Safety Precautions

Laser Safety

Laser light in the visible region (400-700nm) is detectable by the eye, however direct or indirect viewing may be harmful and may cause permanent damage. Never look directly into the laser, the fiber output end, scattered light from a reflective surface or into the beam along its optical axis when the laser is operational.

For laser light emitted outside the range above, the light is invisible and undetectable to the human eye. To avoid permanent eye damage, do not look directly into the laser, the fiber output end, scattered light from a reflective surface or into the beam along its optical axis when the laser is in operation. Use suitable detector cards to convert the invisible laser output into a visible feedback signal in order to confirm the beam path.

Ensure that you are aware of the wavelength & class of laser that you are fiber coupling.

Light will be emitted by an aligned fiber system as soon as the laser is enabled.

Be especially careful of reflections from optical components within the beam path and keep all beam paths at sufficiently low levels to prevent inadvertent beam-eye contact.

Ensure the laser is used in an enclosed room with controlled and restricted access and that appropriate laser safety eye protection is worn.

NOTE that the use of laser safety glasses will protect against inadvertent exposure but will prevent the user seeing the beam. Therefore, exercise extreme caution even when using protective eyewear.

It is recommended that access to the laser is limited to qualified users who are familiar with laser safety practices and who are aware of the dangers involved

CAUTION

THE USE OF THIS PRODUCT IN OPTICAL INSTRUMENTS WILL INCREASE THE EYE HAZARD.

Technical Support

If you have any difficulty in following the enclosed instructions, or if you require any specific assistance then please call

US Toll Free: 1 800 898 6504

Europe: +44 23 8074 4500

Or e-mail technical.support@qpl.qioptiq.com

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