



Class 4 Laser Waiver

Certain Trotec Lasers can operate in Class 4 Mode

If you operate your Trotec Laser with the hatch open / interlock system defeated or the laser is a Speedmarker 50, class 4 laser radiation can escape.

In class 4 mode the Trotec Laser is a class 4 laser system.

According to the Machinery Directive 2006/42 / EC, the owner/operator must take additional measures in the area to protect users and other persons in the operating room from laser radiation when operated in class 4 mode.

Trotec recommends at a minimum the following environmental safety measures for class 4 laser systems in accordance with EN IEC 60825-1:

- Appointment of a competent laser safety officer in writing to evaluate potential hazards and to ensure that appropriate control measures are implemented
- Installation of the laser system in a suitable laser protection enclosure (EN IEC 60825-4) or in a closed room with appropriate equipment.
- Securing the laser system and the room against unauthorized use
- Operators & staff in the same room as the laser system are instructed to wear personal protective equipment (e.g. appropriate laser safety glasses according to DIN EN 207)

The purchaser / operator is responsible for the full compliance with any applicable national regulations.

This type of system is designed in a such a way that the operator and/or any other persons or property in the vicinity of the system can be exposed to one or more of the following:

- Direct laser energy
- Indirect laser energy (specular or diffuse reflection of laser energy from objects exposed to direct laser energy)- Non-beam hazards such as:
 - o Smoke and/or vapours from the heating or vaporization of materials processed with the system
 - o Extremely bright visible light from the reaction of certain materials with the laser energy

These exposures can cause one or more of the following:

- Skin burns
- Retinal burns
- Corneal burns
- Certain smoke or vapours can cause irritation and/or damage to the respiratory system, nervous system or other bodily harm
- Prolonged exposure to certain smoke or vapour can cause cumulative and/or permanent damage and can result in disability or death

The undersigned accepts this risk and will not hold Trotec Laser Canada Inc. liable for any losses, damage, injury or death resulting from the use of such a system.

The undersigned accepts the following:

- additional guarding, enclosures and/or personal protective equipment is required to mitigate the risks of the exposures listed above
- Trotec Laser Canada does not provide this additional guarding, enclosures and/or personal protective equipment is not responsible to do so
- Local workplace health and safety regulations may have specific regulations governing the use of Class 4 laser systems in the workplace and it is the sole responsibility of the undersigned to ensure compliance with these regulations

By signing this, I accept that I have read this document thoroughly, I have the authority to bind the company and I accept the terms and provisions listed in this document:

Name	Title	Date
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