

'Laser Safe' Class 1 Enclosures

RT Technologies incorporates years of collective experience in designing and delivering **FDA/IEC compliant and certified industrial laser enclosures** -- of all sizes and applications. Our SINGLE biggest focus for any enclosure that we design and deliver is that it is 100% 'Laser Safe' for the application that it is being used. The following elements are core to our existence as a 'Laser Safety Provider' and serve as the cornerstone to every Laser Enclosure we deliver:

- Laser Safety Officer/Professional Design, Collaborative Customer Review and Certified 'Laser Safe' Delivery
- All Enclosures are certified to laser safety standards (US FDA/CDRH and IEC 60825-4); associated Compliance Documentation is delivered to customer at time of delivery
- Constructed with laser protective walls, ceilings, doors and windows as required for given laser application; **Ensuring Laser Safety while Maximizing Efficiency**
- Recommendations for incorporation of Laser Safety Systems (Interlocks, signs, etc.) as required for given application



Laser Room Enclosure

Class 1 Enclosures for Class 4 Lasers

We supply and install Class 1 room size laser enclosures for high power lasers. All enclosures are sold tested and certified to FDA/CDRH US Regulations or EN 60825-4 (Safety of Laser Products Part 4 - Laser Guards). These can be supplied complete with interlock system and illuminated signs. Fume extraction and/or air conditioning can also be supplied, as can CCTV. This is a cost effective and extremely easy method of enclosing your laser system which fulfills your safety requirements and frees up space for other activities.



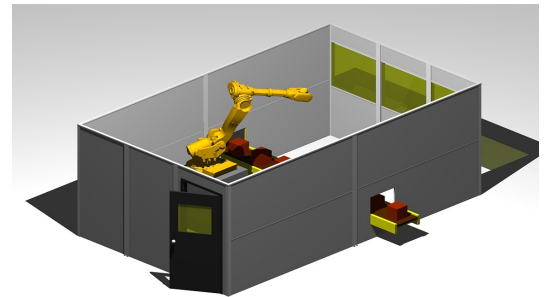
Laser Cell



Laser Enclosure with Mezzanine

Key Features of the RT Technologies Laser Enclosures

- Modular & Customizable Design
- Lightweight & Strong
- Customizable Door Designs to maximize process
- Project management to ensure on time delivery and budget adherence, Process includes:
 - ⇒ Consultative Design Meetings with Customer Team
 - ⇒ Complete Engineering Drawing Sets (Prototyping and Final Design)
 - ⇒ Regulatory Certification Filing and Documentation as needed
- Rapid Build Times
- Standard and Custom Colors Available
- Turn-key Delivery Support/Install support as needed



Customer Laser Enclosure Projects are designed and managed by our team of laser safety experts; each project is managed by a Certified Laser Safety Officer (CLSO); each customer laser enclosure is manufactured by our team of production professionals. All laser enclosure projects are routinely reviewed with customers at key milestones.

All laser containment systems—whether industrial laser enclosure, assembling line laser enclosure, welding enclosures or other types of integrated automatic enclosures—can be outfitted with laser interlock systems to ensure safe personnel access via enclosure doors, windows, and equipment hatches.

Optional ICS-6 Laser Interlock System Components



ICS-6 Laser Interlock System



Access Keypad with Override



Override with Pushbutton Switch



Dual Channel Safety Contact



Mini LED Sign



Ultra 470 LED Sign

Some of our valued Enclosure customers are:



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