Laser Castle Lite – low-cost, self-assembly Laser Safety Cabin

Lasermet has just launched the Laser Castle Lite, a low-cost, self-assembly, laser safety cabin ideal for small laser operations including small laser robots used for cutting, cladding or welding.

Laser Castle Lite is fully certified and interlocked. The modular build laser safety cabin is designed specifically to protect users from the potentially dangerous effects from high-energy laser radiation.

This low-cost cabin arrives as a flat-pack in a shipping crate, and is easily assembled on site by the customer. It is supplied with a manually operated door, safety interlock switch, dual-message LED warning sign, Emergency Stop break glass, internal Emergency stop button and entry door maglock – all linked to the ICS-Solo interlock control system.

Being modular, it is constructed from the same laser blocking material as the Laser Castle cabin (which is currently in service all over the world) and to enable low-cost ventilation, the cabin has an open roof void. This is a Class 1, laser safety enclosure which is tested and certified to the internationally recognised laser safety standards (IEC 60825-4 Safety of Laser Products Part 4 – Laser Guards). It can be rapidly built and installed on site straight out of the box.

Read more about Laser Castle Lite

Constructing the cabin

- Take the components out of the crate
- Carry out the quick construction
- Make the connections
- Contain the laser
- Commission the cabin
- Control with the Interlock

From crate ...                  ... to customer cabin construction ...                     ... to control

https://www.lasermet.com/laser-castle-lite/