

Quick Reference Guide for Laser Interlock System

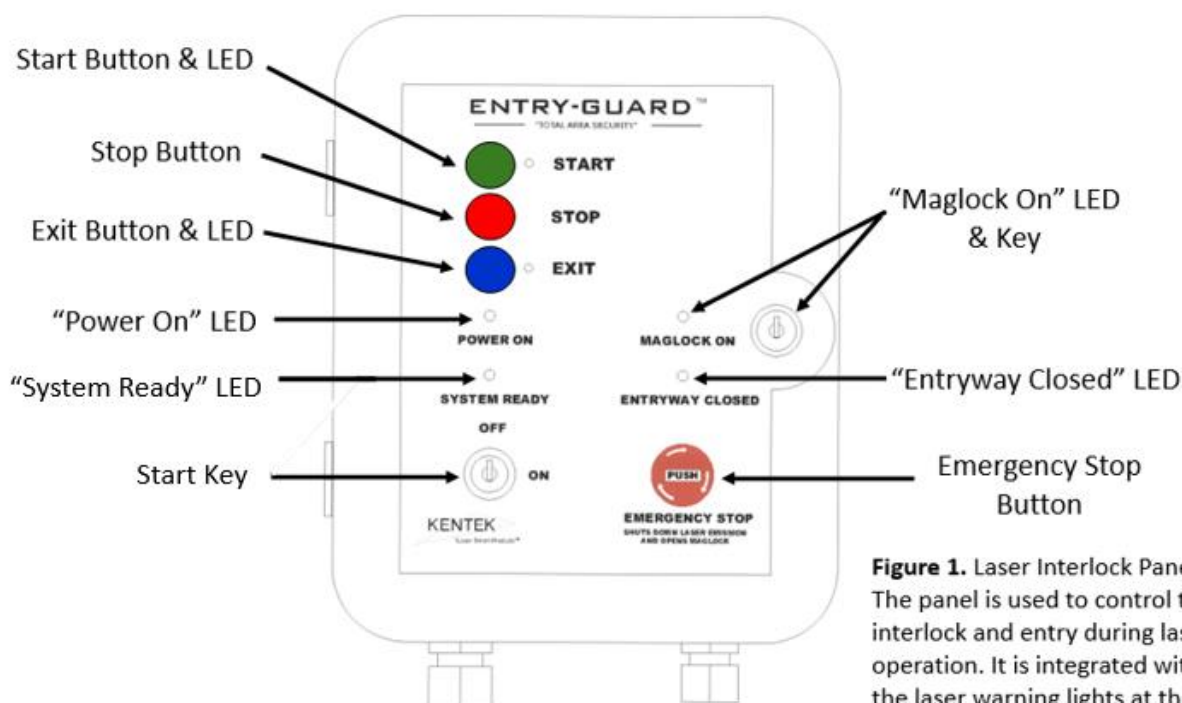


Figure 1. Laser Interlock Panel. The panel is used to control the interlock and entry during laser operation. It is integrated with the laser warning lights at the exterior of the laboratory which reflects the laser status.

In Case of Emergency:

In case of emergency, press the Emergency Stop Button. This will shut off the laser and unlock the entry door. LEDs for the Start button, "Maglock On", and "System Ready" should all turn off. Afterwards, please contact EHS at 410-704-2949 or safety@towson.edu or the building Manager (contact listed below) to alert them to the situation.

To reset: If the Emergency Stop button was activated, the button switch must be turned clockwise to reset it. Then follow start-up directions below.

Normal Use:

Start-up: With the entry door closed, turn the Start and Maglock keys to ON position; verify that "Power On", "System Ready" and "Entryway Closed" LEDs are illuminated. Press the Start button; the LEDs for the Start button and "Maglock On" should be illuminated.

Leave during laser operation: Press Exit button. Door will unlock and system will produce audible signal or chime; door must be opened and shut to stop chime.

Shutdown: Turn off laser. Press Stop button or turn Start key to OFF position. Door will unlock.

SC Building Manager: Josh Wilhide, 410-704-5229