

PL2143 laser

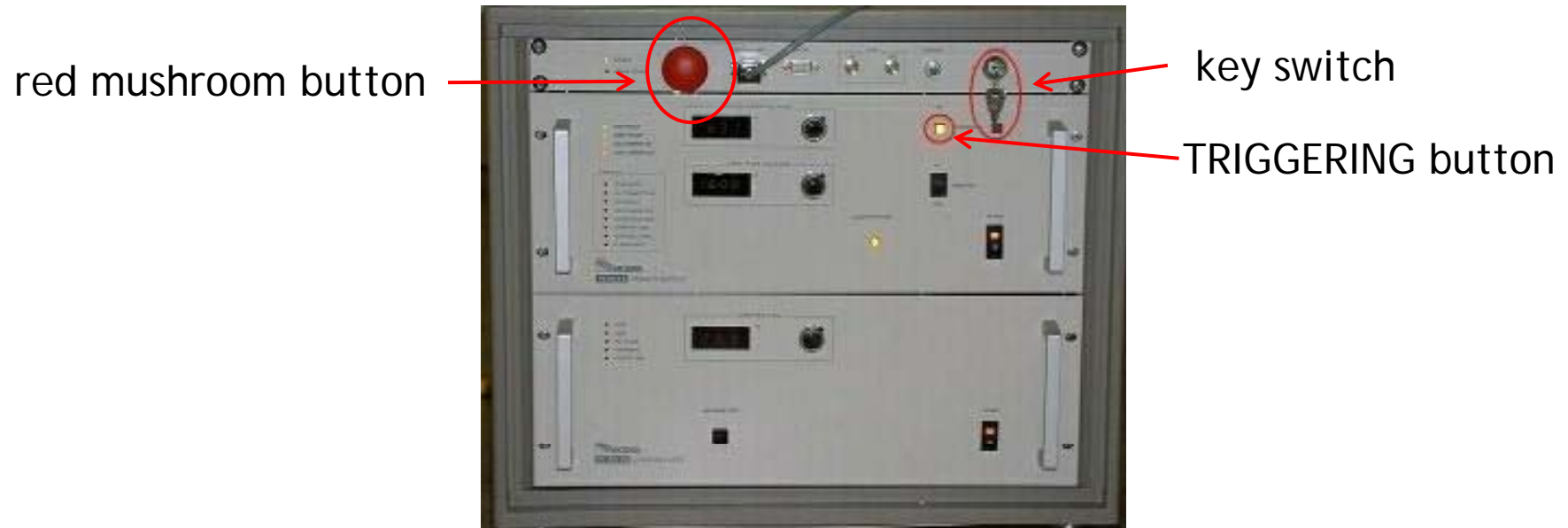
To start the laser:

1. Open the external cooling water valve installed in your lab.
2. Turn on the key switch.
3. Wait until the 'LASER EMISSION' indicator lights on and push the 'TRIGGERING' button (keep it pressed for a while until it lights up)
4. To start firing press the 'OP' button on the control pad.
5. It may take from few minutes to half an hour for the laser to heat up and reach the full output power.

Caution : Do not perform any adjustments on the laser until it has not warmed up.

TIP: To determine the lasing threshold, place the EKSPLA viewer card in front of light guide F2 (refer to the figures below). Above the threshold voltage you will observe continuous laser firings on the viewer. At threshold you will see missing shots.





To stop the laser:

1. For emergency shut down use the big red mushroom button.
2. Press the 'OP' button on the control pad to stop firing.
3. Turn off the key switch.
4. Close the external cooling water valve.

Caution! : You can close the external water immediately when you switch off the laser.