

Since last week, an alarm appears from time to time on the high voltage of the e-gun. Last year, the same problem appeared and disappeared by itself. Unfortunately, the problem is back and we are not able to figure out the reason. It might be possible to run some depositions. The staff willing to reduce as much as possible the down time and the impact on the users, we will partially make the tool available to the community. **However, users have to be aware of the risk of unfinished and/or failed deposition on their samples.**

The image shows a FerroTec X-ray generator control panel. The digital display shows '0.00 kV' and 'High voltage minimum'. The status indicators on the right are all green, except for 'HV SHORT' which is yellow. The 'EMISSION' knob is turned to the right.

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2. Troubleshoot

1. Acknowledge the alarm by clicking **once** on the yellow *MENU/QUIT* button on the remote controller.
2. Check that the alarm disappeared and the yellow button stopped blinking on the remote controller
3. Check on the generator just below, that the HV-SHORT LED turned off and the INTERLOCK LED turned back on.
4. On the HMI, in the purple process window, click on “resume”.
5. If it occurs again, try once more. If still failing, abort.
6. **In any cases, report immediately** by phone (during office hours) or by email the alarm to the PVD Team!