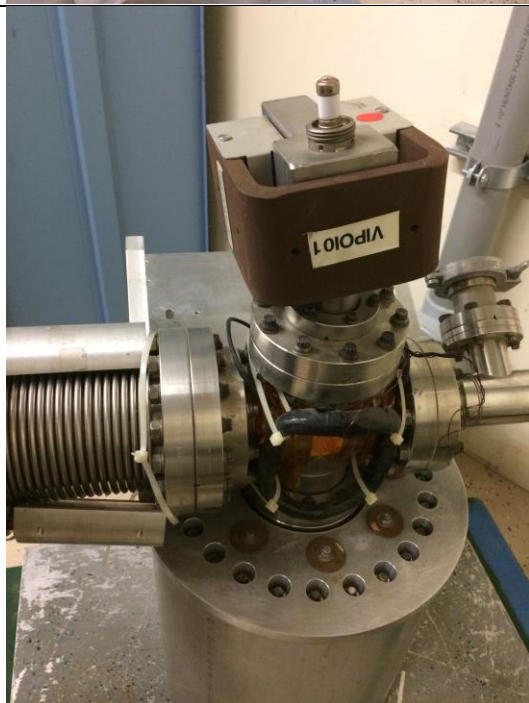




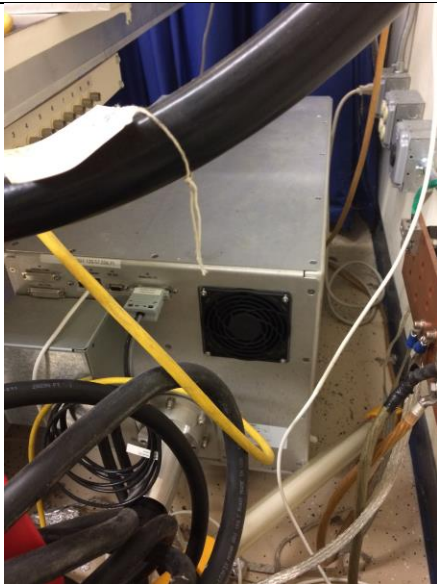
Green box, Old isolation transformer. Which means it can provide 120VAC power to things floating at 100kV bias voltage.



An old thermionic gun, I think the one we used at CEBAF. Looks like the ion pump port got bent...this was just a holding ion pump to maintain vacuum after we removed it from CEBAF. For operation, the ion pump would be removed and there would be beampipe in its place. And don't know about the ceramic not visible in the large aluminum tube.



Oil tank for conditioning cathode electrodes.



Spellman 225kV supply, 5 mA output maximum current. R28 cable connection. We can check with Spellman about floating grid control. Could Essex provide a cable with rf coax cable embedded inside? Deliver the RF through the Spellman supply? Bias the grid with the Spellman supply? That would be amazing. Wouldn't need isolation transformer....



Example of 10" CF flange ceramic insulator. We have at least 3 we can offer to the project.



A big empty chamber, 13" CF flange. Free if you want it. However, the magnetizing solenoid does not have bore large enough for 13" flange.



10" CF flange ceramic insulators



Glassman 126kV, 16mA HV power supply. Was used at CEBAF, very good condition.