

ITW:EE Configuration for Heater Conditioning and Normal Operation

During Heater Conditioning and Normal Operation, the output from the ITW:EE power supply is connected to the ion source Extraction Electrode (see Figure 1).

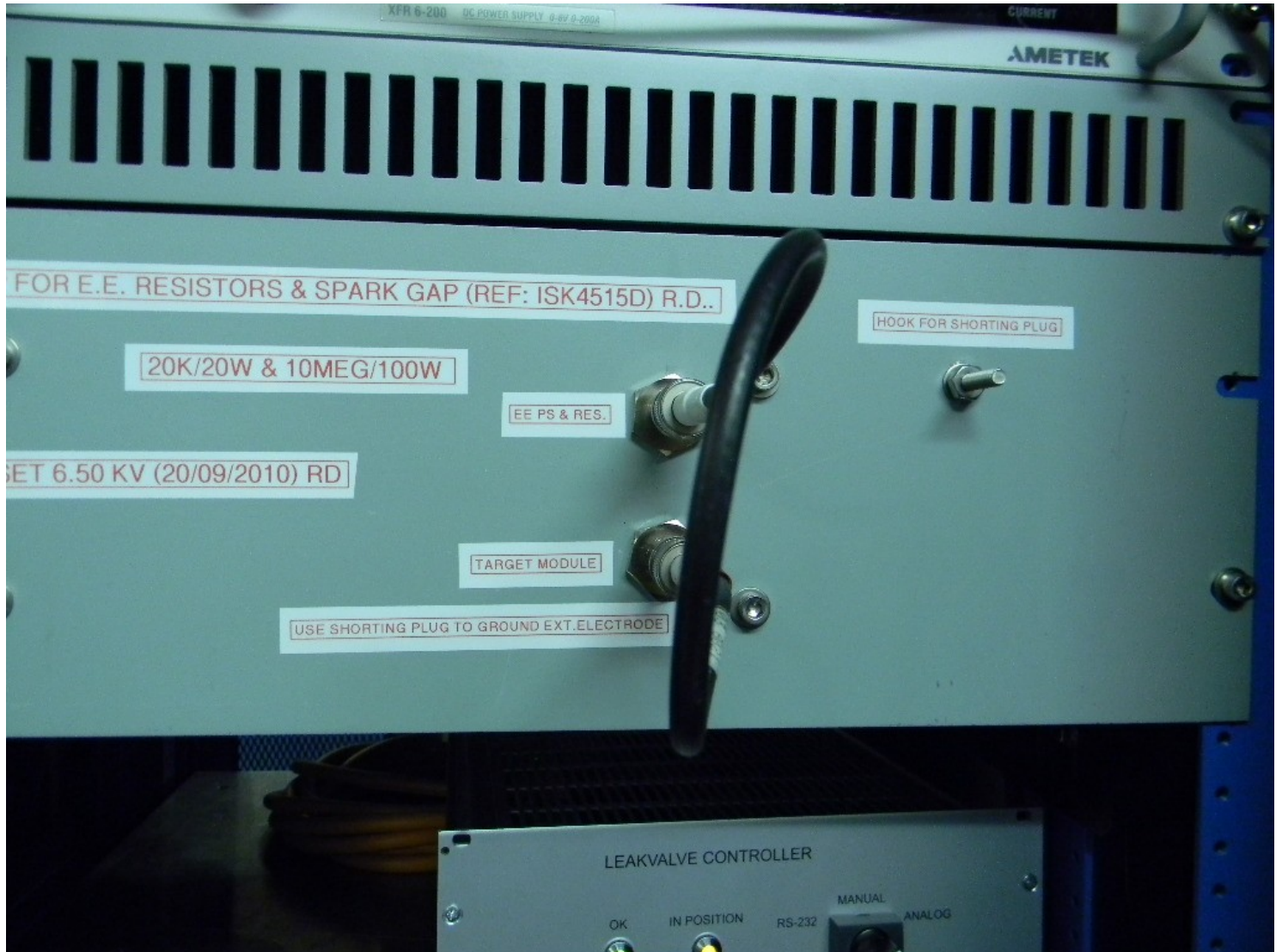


Figure 1 - Configuration for Heater Conditioning and Normal Operation. The panel shown is located in the west target station Faraday cage in the ISAC-I Electrical Room.

ITW:EE Configuration for HV Conditioning

Before HV conditioning starts, the Extraction Electrode must be configured as in Figure 2, unless stated otherwise by the Ion Source expert.

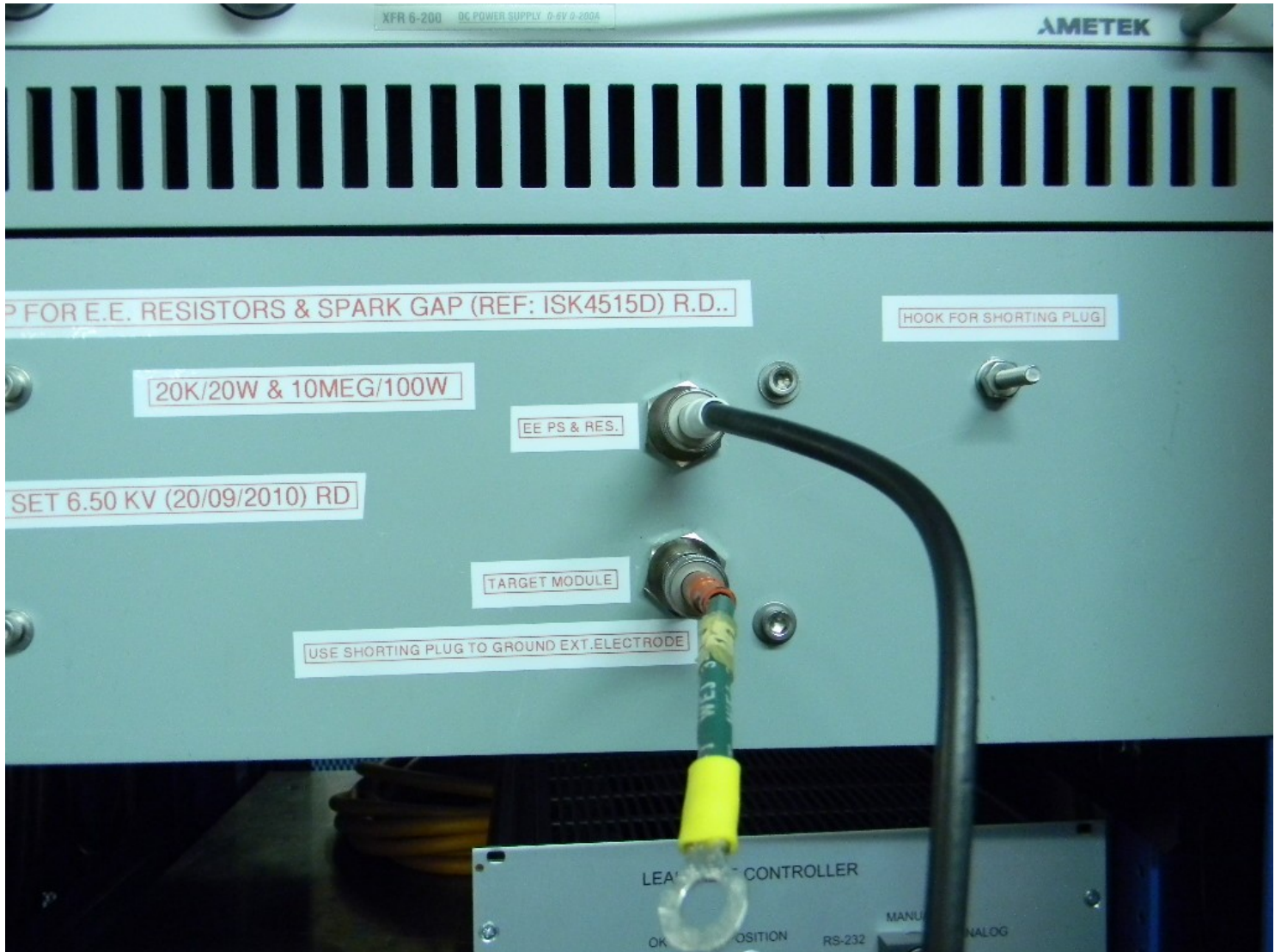


Figure 2 - Configuration for High Voltage Conditioning. The panel shown is located in the west target station Faraday cage in the ISAC-I Electrical Room.

ITE:EE Configuration for Heater Conditioning and Normal Operation

During Heater Conditioning and Normal Operation, the output from the ITE:EE power supply is connected to the ion source Extraction Electrode (see Figure 3).

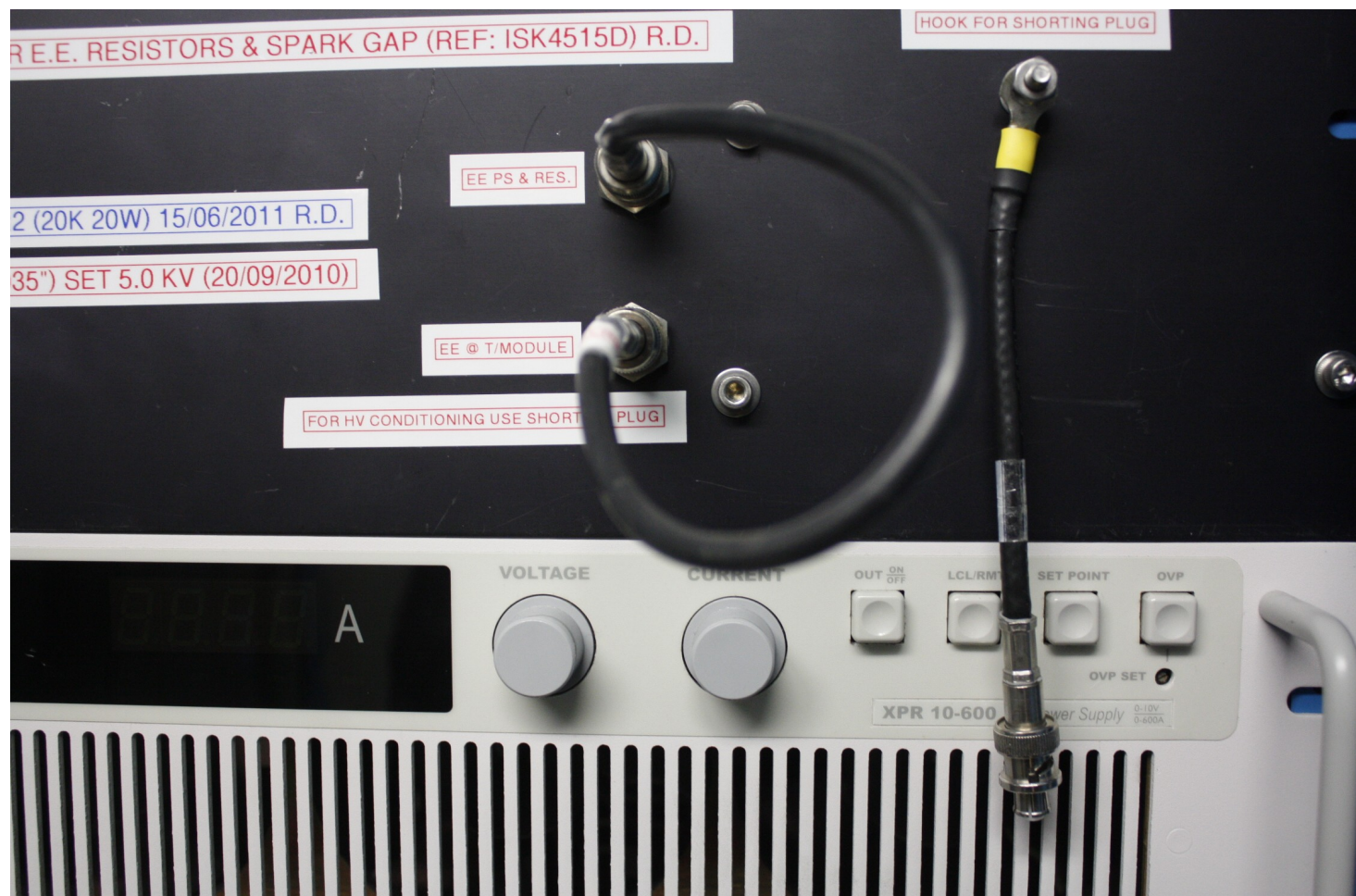


Figure 3 - Configuration for Heater Conditioning and Normal Operation. The panel shown is located in the east target station Faraday cage in the ISAC-I Electrical Room.

ITE:EE Configuration for HV Conditioning

Before HV conditioning starts, the Extraction Electrode must be configured as in Figure 4, unless stated otherwise by the Ion Source expert.

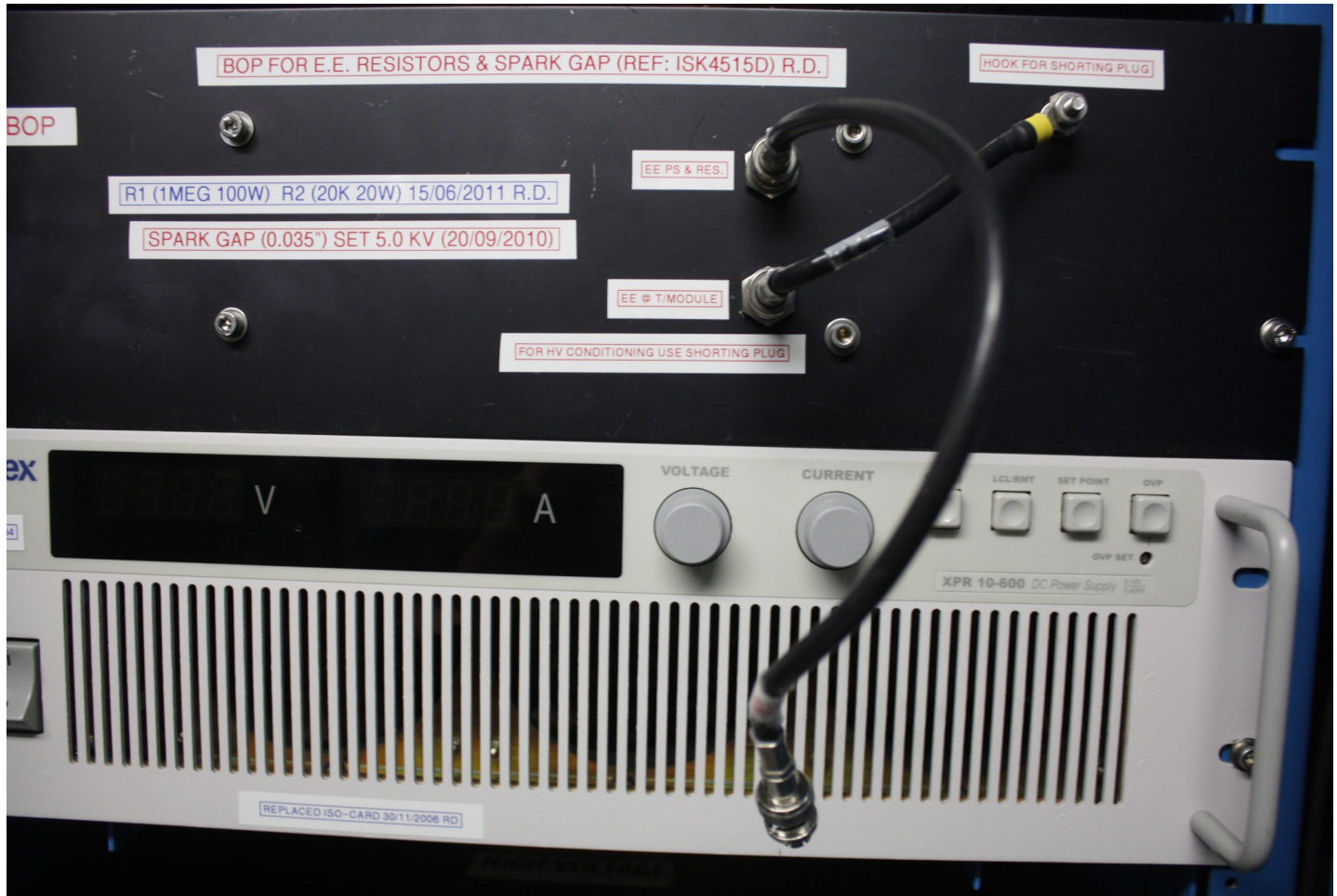


Figure 4 - Configuration for High Voltage Conditioning. The panel shown is located in the east target station Faraday cage in the ISAC-I Electrical Room.