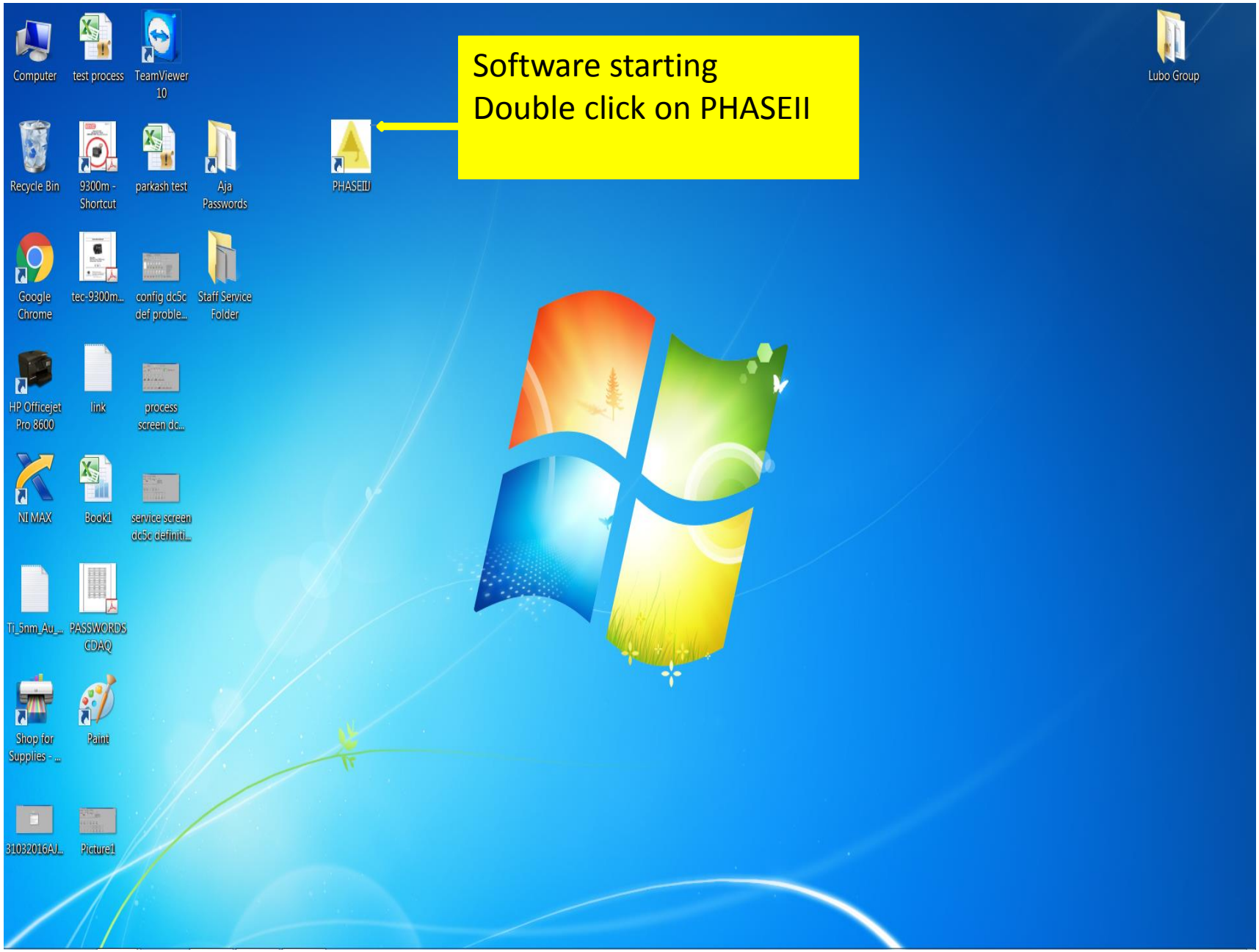
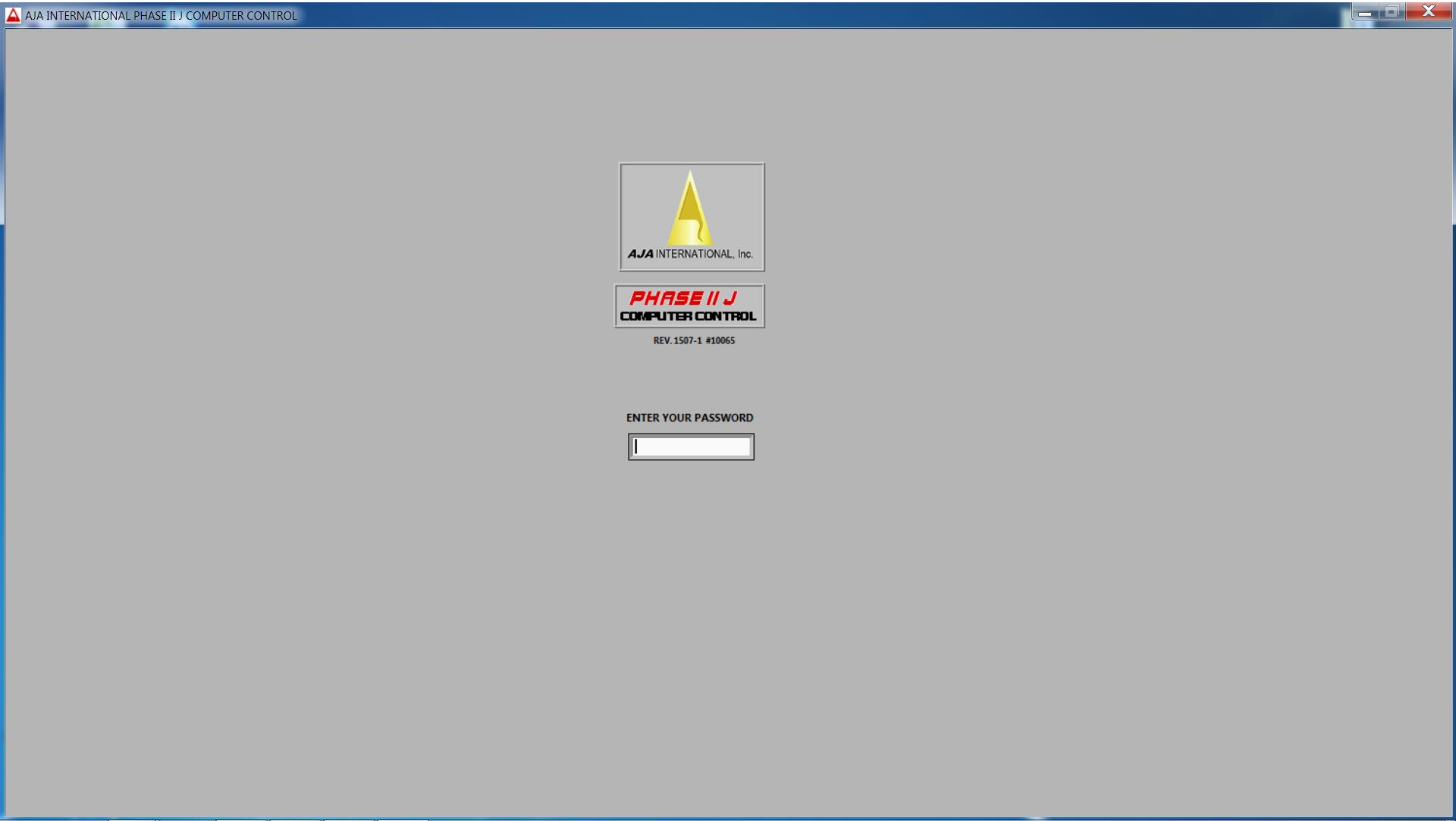
בס"ד

AJA Sputtering SETUP

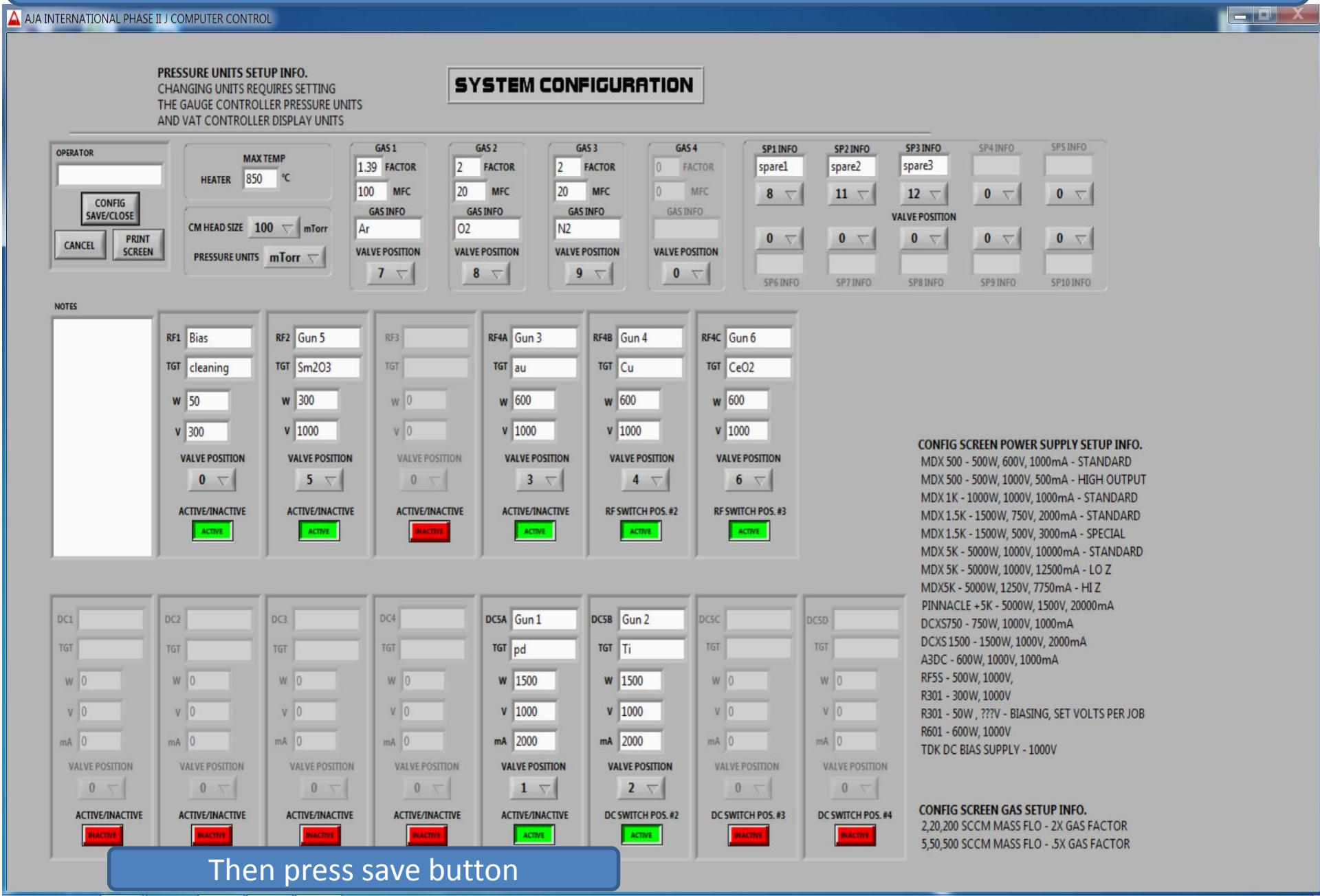
אין עוד מלבדו


Computer
test process
TeamViewer 10
Recycle Bin
9300m - Shortcut
parkash test
Aja Passwords
Google Chrome
tec-9300m...
config dc5c def proble...
Staff Service Folder
HP Officejet Pro 8600
link
process screen dc...
NI MAX
Book1
service screen dc5c definiti...
Ti_5nm_Au_...
PASSWORDS CDAQ
Shop for Supplies - ...
Paint
31032016AJ...
Picture1
PHASEII
Lubo Group
Software starting
Double click on PHASEII

Enter your own password
(which received from Sharon)



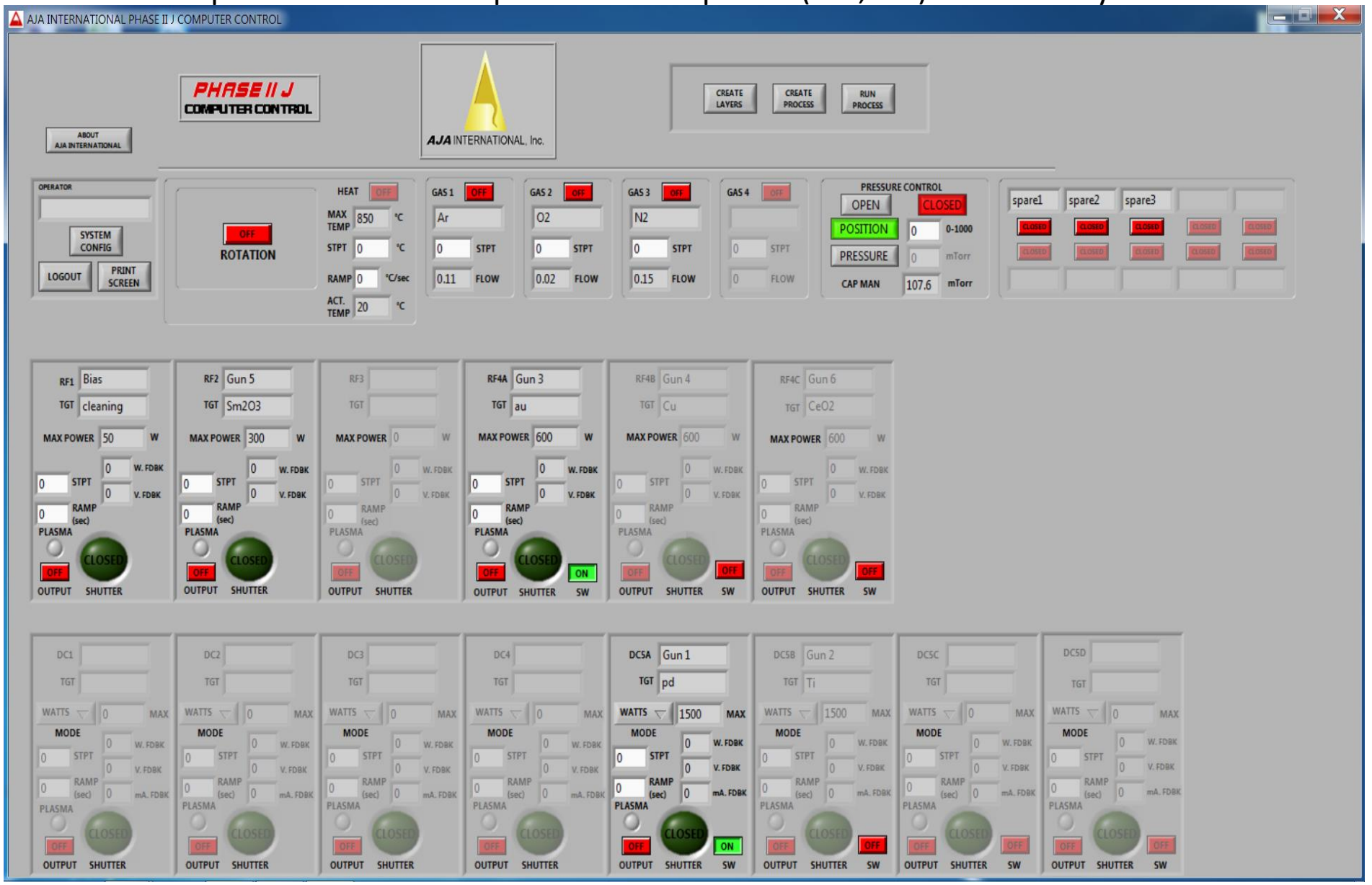
Please verify and set all of parameter as below



Then press save button

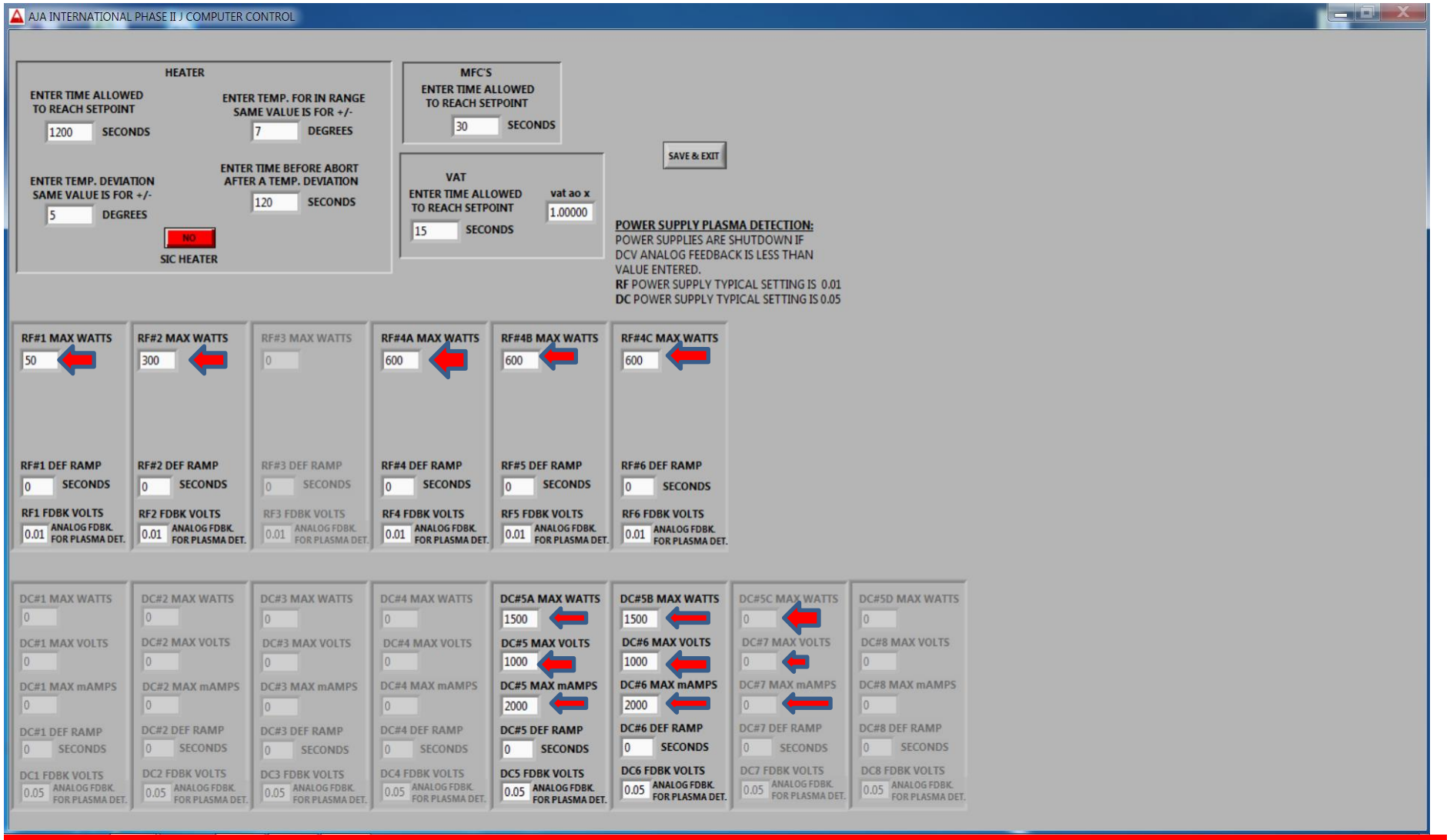
Then you get main screen

please check if Max power in all of power (DC , RF) Set correctly



If not logout from software and log in again in service mode (password : service)

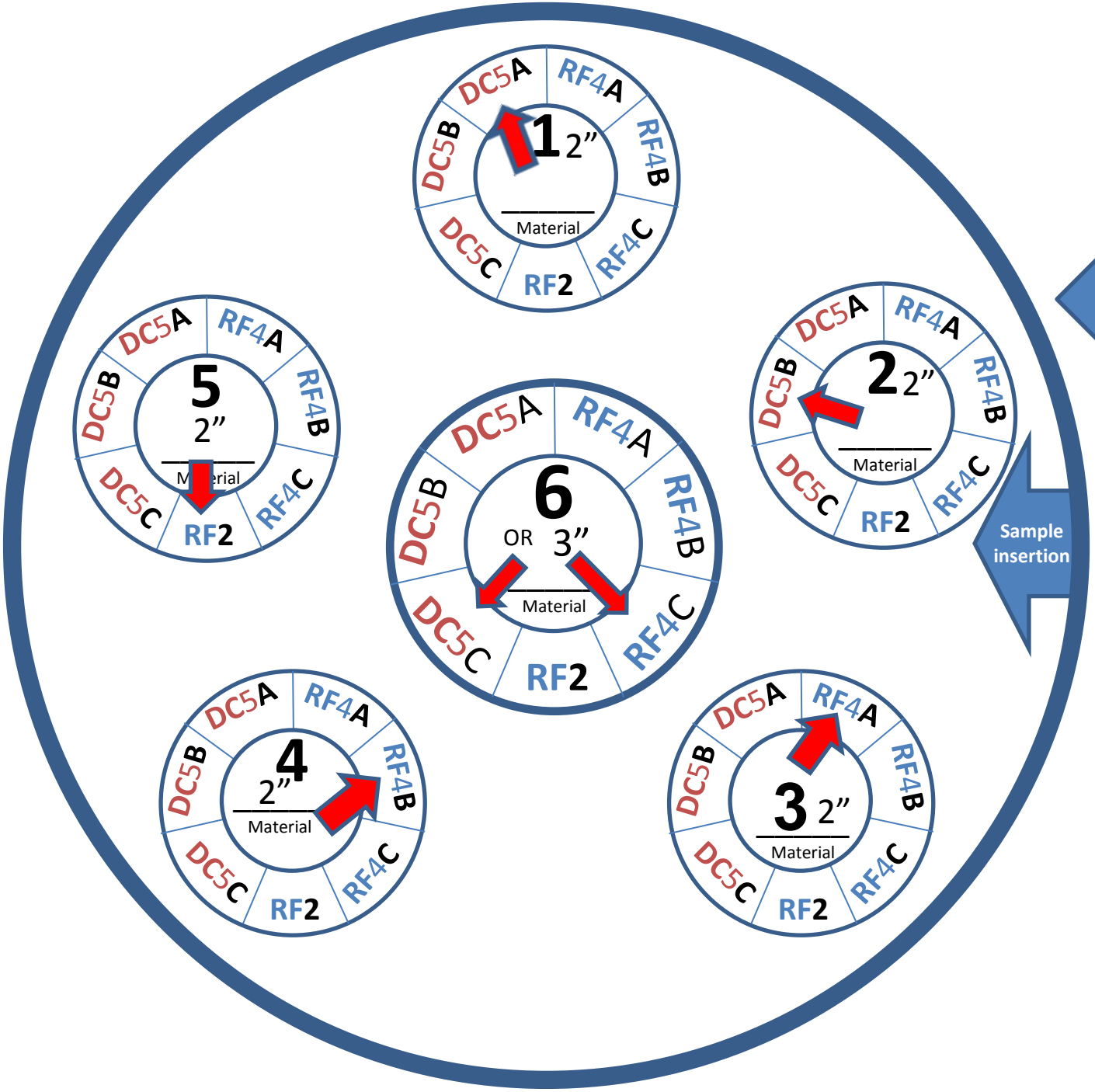
Please set up the software like below (Max power ,Max AMPS…..)



Warning : Before you press save check all of the parameter set correctly like above.
If not you can cause damage to the Machine.

The following is Gun set up Hardware/software

RF1	RF2	RF4 A,B,C	DC5 A,B,C
50W	300W	600W	1500W
300V	1000V	1000V	1000V
			2000mA



Wiring gun set up configuration

The following is Gun set up Hardware/software

RF1	RF2	RF4 A,B,C	DC5 A,B,C
50W	300W	600W	1500W
300V	1000V	1000V	1000V
			2000mA

Gun1: DC5A
Gun2:DC5B
Gun3:RF4A
Gun4:RF4B
Gun5:RF2
Gun6 :RF4C/DC5C

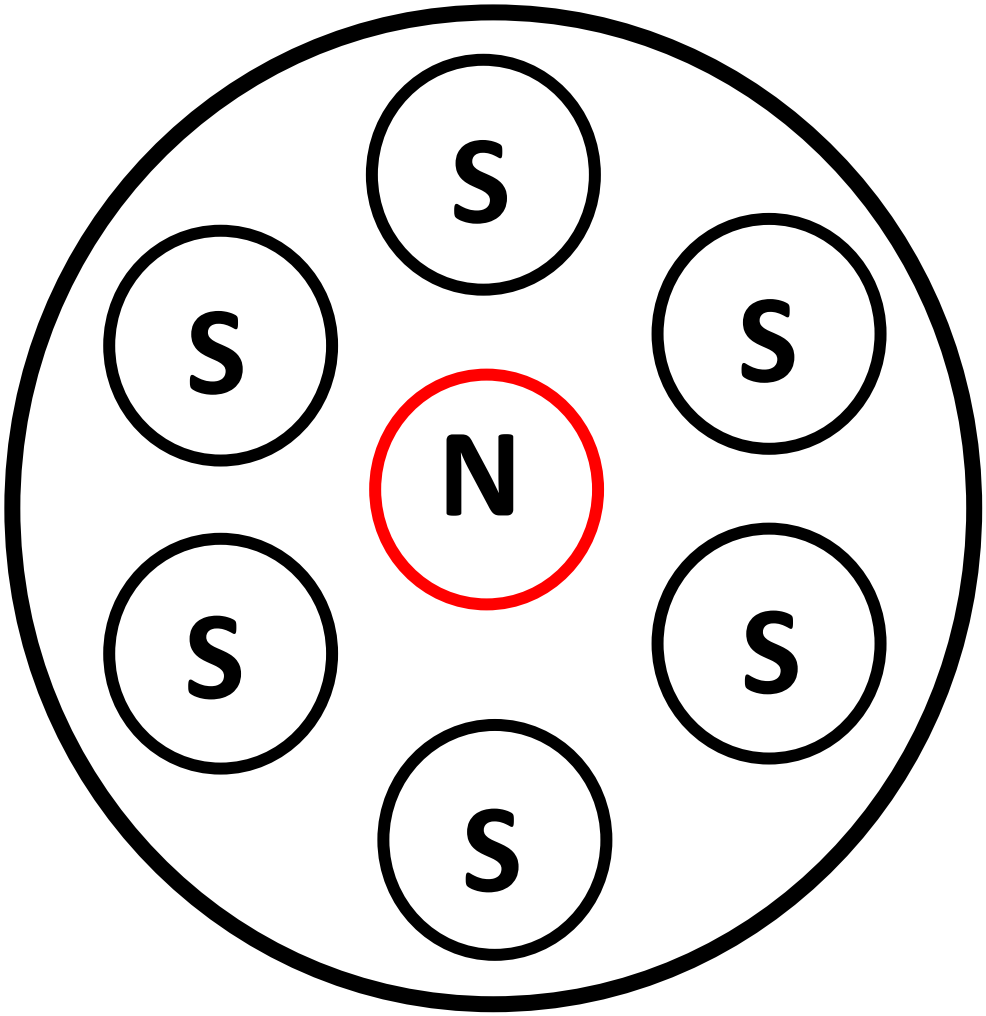
- Please do not change the order of the source wiring.
- Check if wiring order matches the recipe processes, if not you have to change accordingly.
- Gun 6 can be used either in DC5C…or RF4C .
- Each user has to remove his targets after use and install Copper target instead.
- The target setting (software/hardware) required Sharon approval.

Magnet Removal Tool

Dear Users : when you deposit metal targets you have to remove central magnet (with magnet removal tool) and install Blank metal in the picture

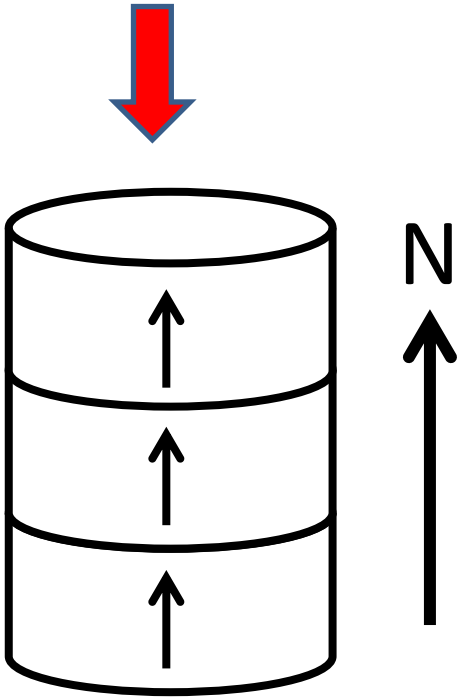
Blank Metal for central magnet target

Magnetron polarity configuration



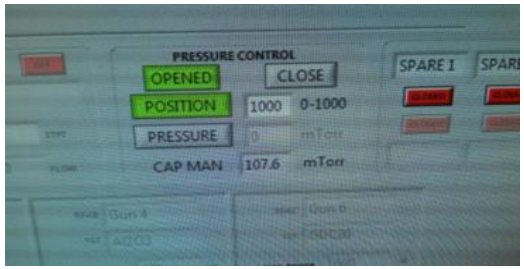
Central magnets

Polarity direction



Vent procedure in AJA Sputter Main Chamber

Make sure that GATE VALVE .. in open position in the Main screen



Toggle MAIN CHAMBER PUMP breaker to vent position.

Wait until appears - on the MKS controller ... atmospheric pressure (7.5E +2 .) as picture

Also check if there is a small gap between the chamber and the lid.

Then you can lift the lid