

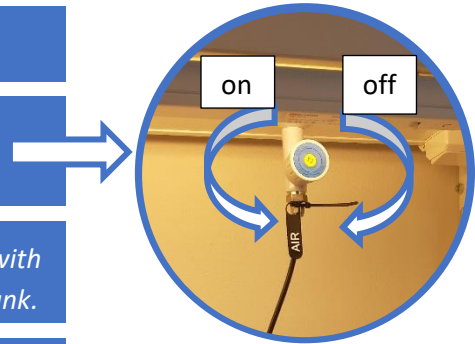
STARTUP PROCEDURE – EROSION RIG

1. Open valves **V105**, **V106** & **V107** (*pump reflux*)

2. Make sure that the air valve (**AIR**) is turned off.
The valve is **behind you**

3. Connect **220 AC** and **3-phase** cables. You find the cables (with labels) under the cabinet. The plugs are on the wall behind the tank.

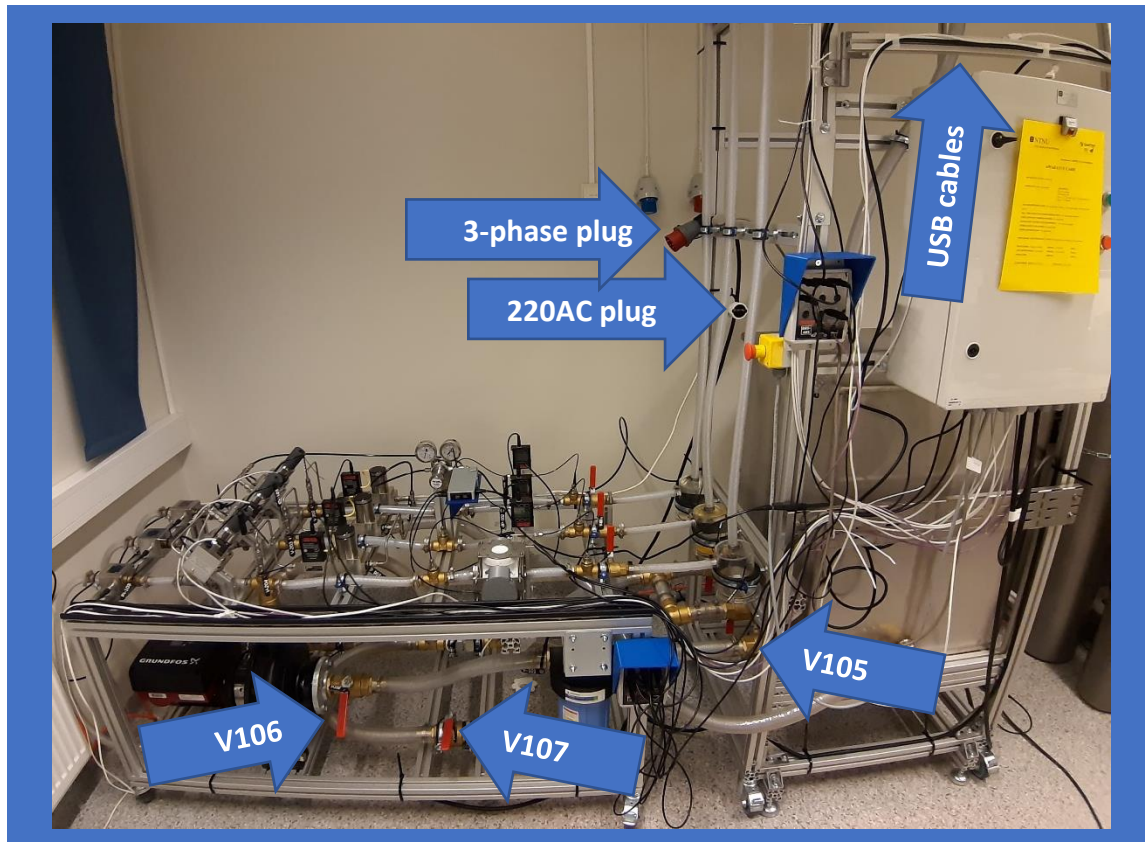
4. Connect the 3 **USB's** cables to the PC.



5. Turn on the computer (password: labuser1) and click on the LabVIEW icon
Open "*ErosionRig – Flow ctrl.vi*"; and make sure that the setpoints have sensible values:



Activate CV-101 ctrl	CV-101 control override [0..1]	FIC-104 setpt [sl/min]	Activate CV-103 ctrl	CV-103 control override [0..1]	FIC-106 setpt [sl/min]
	0,00	0,00		0,00	0,00
Activate CV-102 ctrl	CV-102 control override [0..1]	FIC-105 setpt [sl/min]			
	0,00	0,00			
				Pump flow rate	
				30	



6. Turn on air valve from Step 2 (**AIR**)

7. Turn on pressure regulator **V108**
(clockwise – on | counter-clockwise – off)

8. Turn on the cabinet using the **green button** (outside)

9. Start the LabVIEW program by pressing the white arrow

10. Turn on the pump

11. Open valves **V102, V103 & V104** (any order)

12. Open valve **V101**

