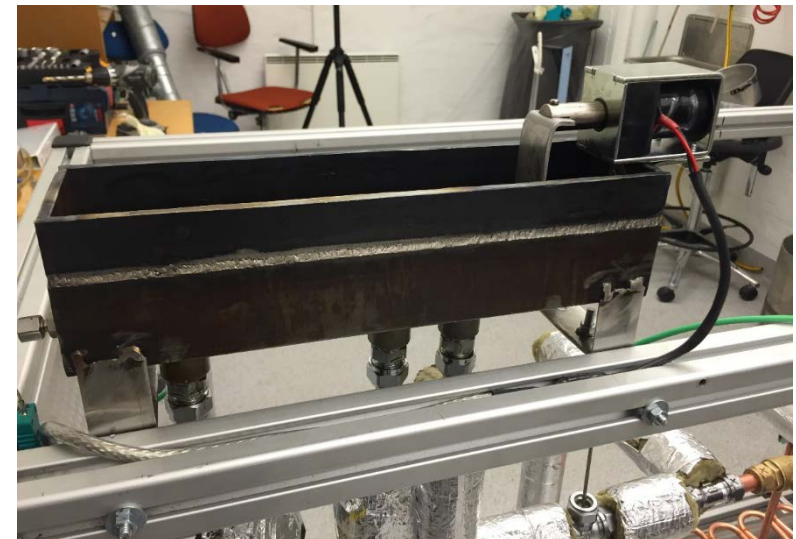
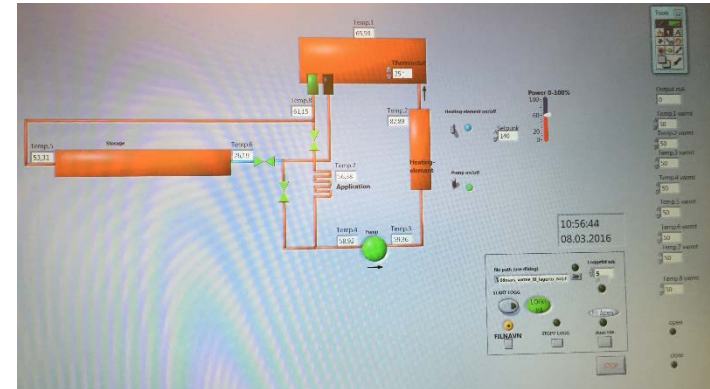
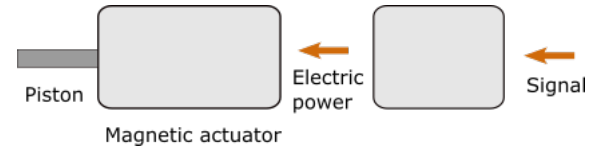


Temperature control: Magnetic actuator

- A solenoid actuator was tested for a two way valve
 - A solenoid is triggered by a temperature sensor in the valve
 - A LabView based program was developed for temperature recordings and control of the solenoid
 - The system works fine, but does require special components, sensors and software development
 - The tests were made to demonstrate the piston based heat storage concept, after the bellows tests proved to be insufficient.



(Silje Fosseng Duley, Ragnhild Skahjem)