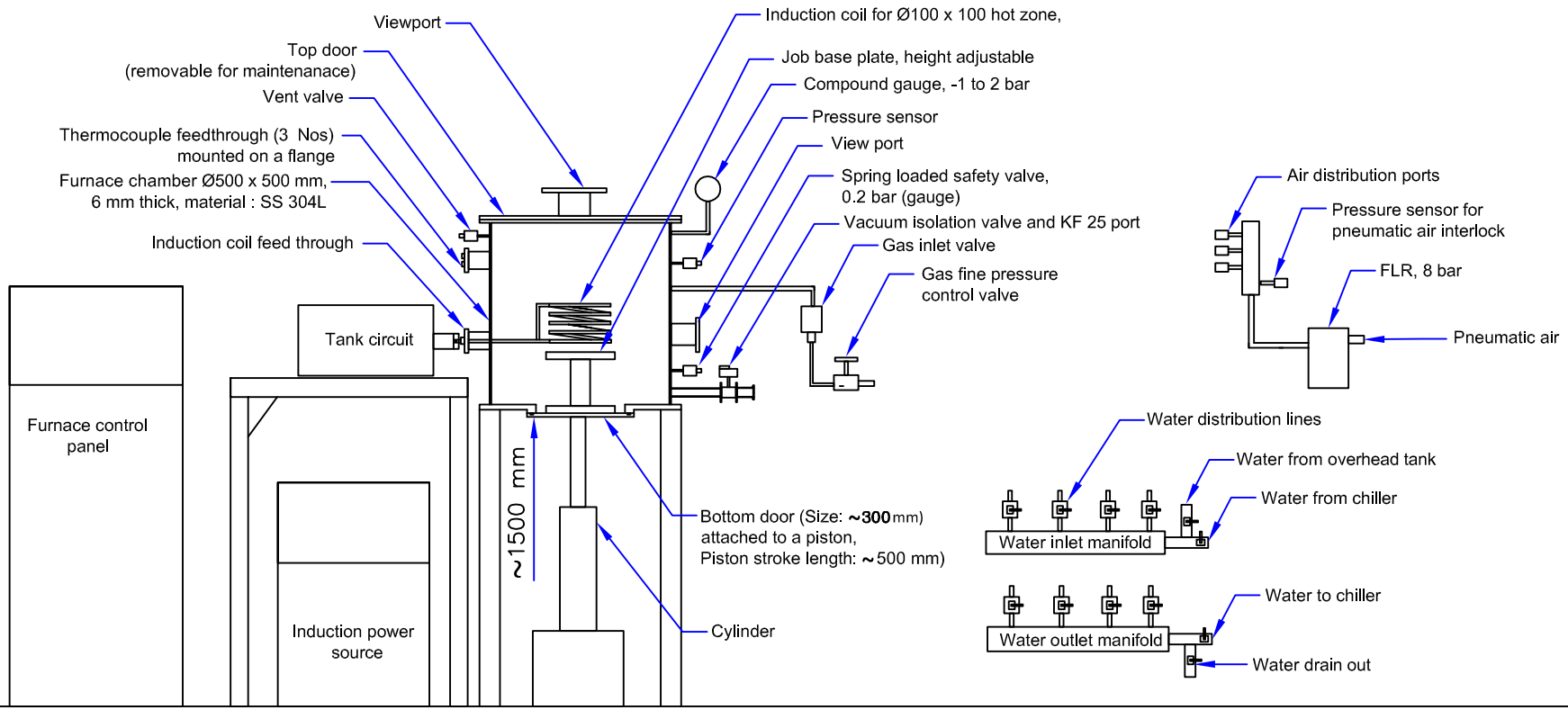
Appendix I


Viewport
Top door
(removable for maintenanace)
Vent valve
Thermocouple feedthrough (3 Nos)
mounted on a flange
Furnace chamber Ø500 x 500 mm,
6 mm thick, material : SS 304L
Induction coil feed through
Induction coil for Ø100 x 100 hot zone,
Job base plate, height adjustable
Compound gauge, -1 to 2 bar
Pressure sensor
View port
Spring loaded safety valve,
0.2 bar (gauge)
Vacuum isolation valve and KF 25 port
Gas inlet valve
Gas fine pressure
control valve
Tank circuit
Furnace control
panel
Induction power
source
~1500 mm
Bottom door (Size: ~300 mm)
attached to a piston,
Piston stroke length: ~500 mm)
Cylinder
Air distribution ports
Pressure sensor for
pneumatic air interlock
FLR, 8 bar
Pneumatic air
Water distribution lines
Water from overhead tank
Water from chiller
Water inlet manifold
Water to chiller
Water outlet manifold
Water drain out