

The GOLEM tokamak has a stainless steel toroidally shaped chamber with major radius (from the central column axis to the center of the vessel)  $R_0 = 0.4$  m, the minor radius (the maximum radius of the plasma from the vessel center)  $r_0 = 0.1$  m) with 18 diagnostic ports, which are organized in six groups of three ports as shown in figure 1. Each group consists of a top, bottom and a mid plane port. The main (*i.e.*, the largest) ports are located on the North and on the South side of the torus;  $45^\circ$  from them to each side, are the other groups: South-East, South-West, North-East and North-West.

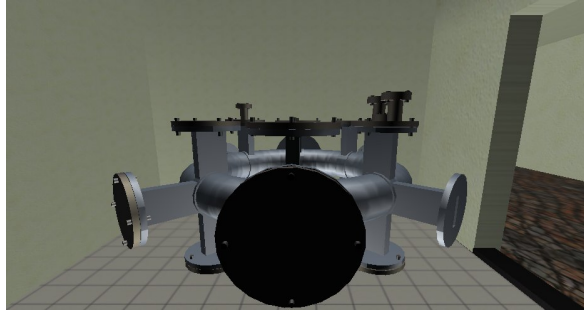


Figure 1: Diagnostic ports of the GOLEM tokamak.