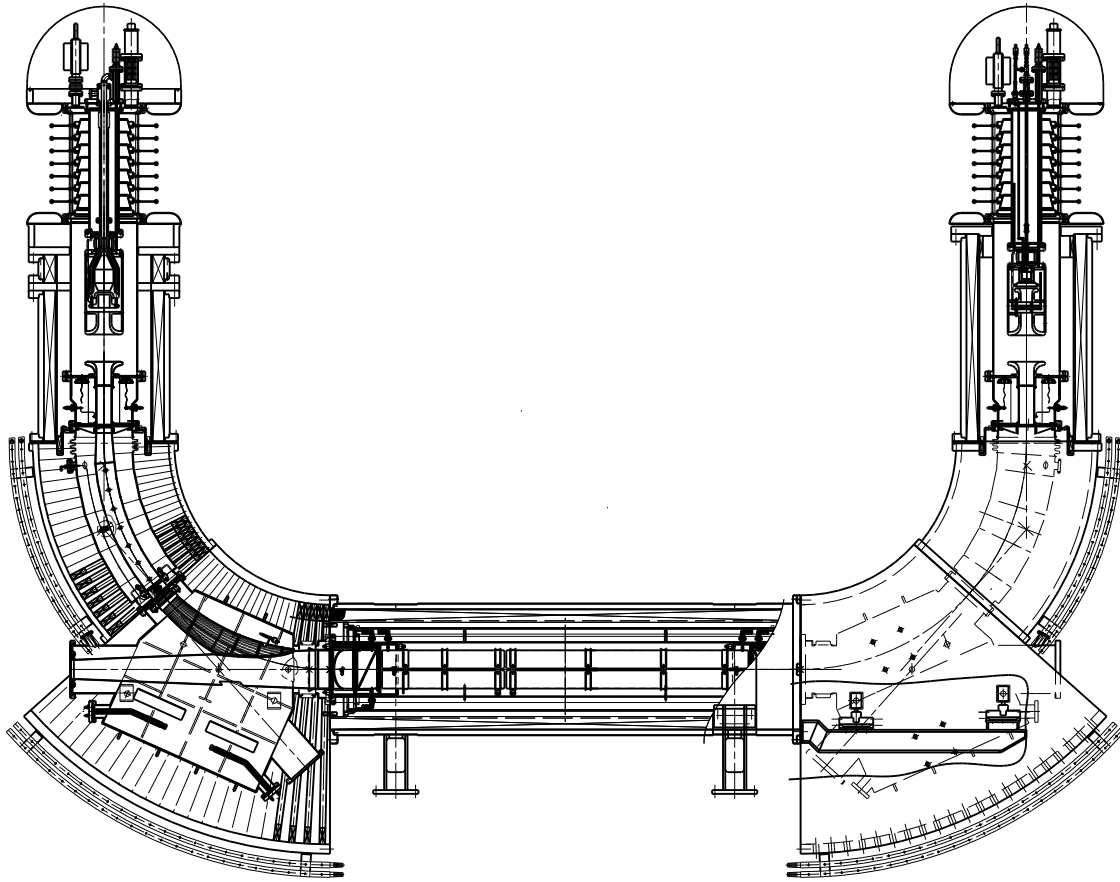


ESR Electron Cooler



electron energy 5 - 240 keV
electron current 0.001 -1 A
cathode temperature 1200 K, 0.1 eV
beam diameter 5 cm
gun perveance 1.95 μP
collector efficiency ≥ 0.9998
magnetic field strength 0.05 - 0.2 T
vacuum pressure 3×10^{-11} mbar