Helmholtz-Coils
Turbo pump
Jet dump
Main chamber
Cold trap
Phosphor screen
Collimator
Aperture
Valve
Beam dump
Aperture
10^{-8}mbar
10^{-7}mbar
10^{-7}mbar
10^{-9}mbar
Synchrotron beam
10^{-8}mbar
10^{-6}mbar
Spectrometer
Glass window
10^{-4}mbar
2nd Stage
Nozzle
Source chamber
Differential pumping stage
Manipulator
1st Stage