

ABSTRACT OF THE DISCLOSURE:

An object is to prevent backflow of particles during discharging. A vacuum pump includes: a casing having an inlet port and an outlet port; a stator column provided upright inside the casing; a rotating body having a shape surrounding an outer circumference of the stator column; and a magnetic bearing configured to magnetically levitate and support a rotating shaft of the rotating body, with the vacuum pump being configured to suck gas from the inlet port and exhaust the gas from the outlet port by rotation of the rotating body, wherein a projection portion for discharging an electric charge carried on the rotating body is provided at at least one of a first position formed on a back surface side of the rotating body, a second position formed on a bottom surface side of the rotating body, and a third position formed in an intermediate point of a flow passage of the gas of the rotating body.