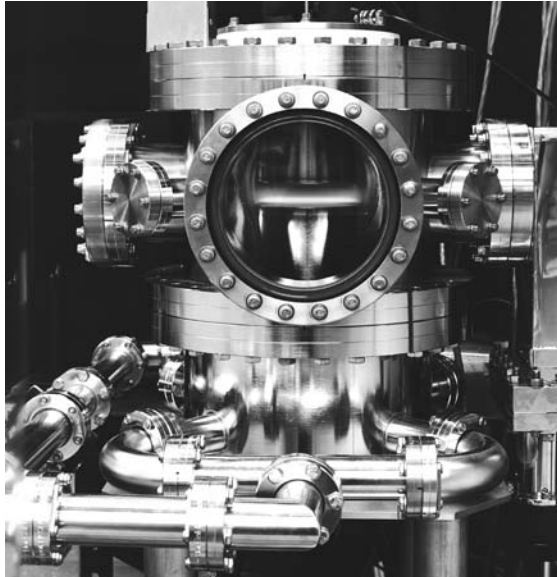


Vacuum Chambers - GEC Reference Cell System



SPECIFICATIONS

Materials

Flanges and body: 304 stainless steel

Flange type: CF

Finish: Electropolished, inside and out

Vacuum range: $\geq 1 \times 10^{-10}$ mbar - UHV

Temperature range: -270°C to 450°C

GEC Reference Cell System Components

DESCRIPTION

Plasma reactor chamber

Pumpout weldment

Non-moveable upper electrode assembly

Moveable upper electrode assembly

Lower electrode assembly

Lower electrode (mass spectrometer test)

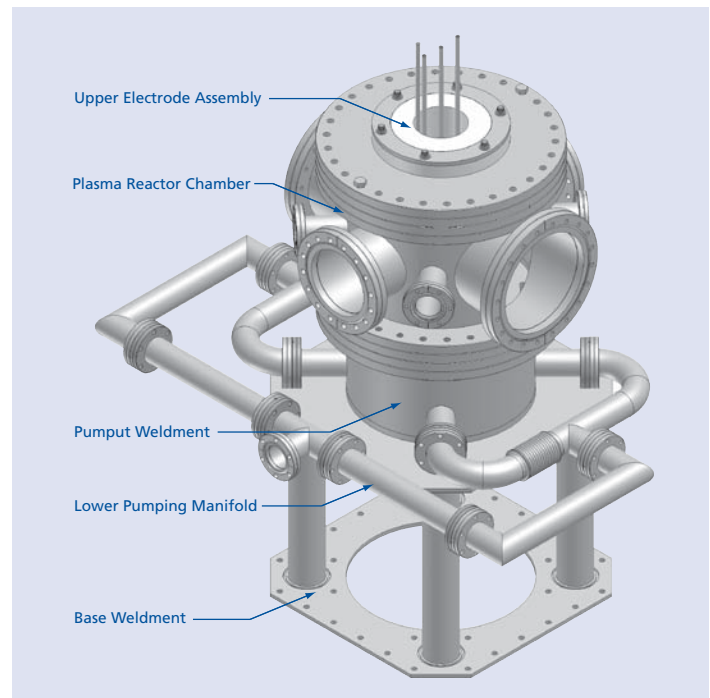
Lower wafer transfer electrode

Base weldment (aluminum)

Lower pumping manifold assembly

Inductive coil assembly

Heated annular ring assembly with controller



Detailed bill of materials and mechanical drawings of the GEC Reference Cell can be downloaded from the Vacuum Chambers section of our web site.

www.n-c.com



GEC heated annular ring assembly with controller

All dimensions are in inches (mm) & weights are in pounds (kg), unless otherwise noted.

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