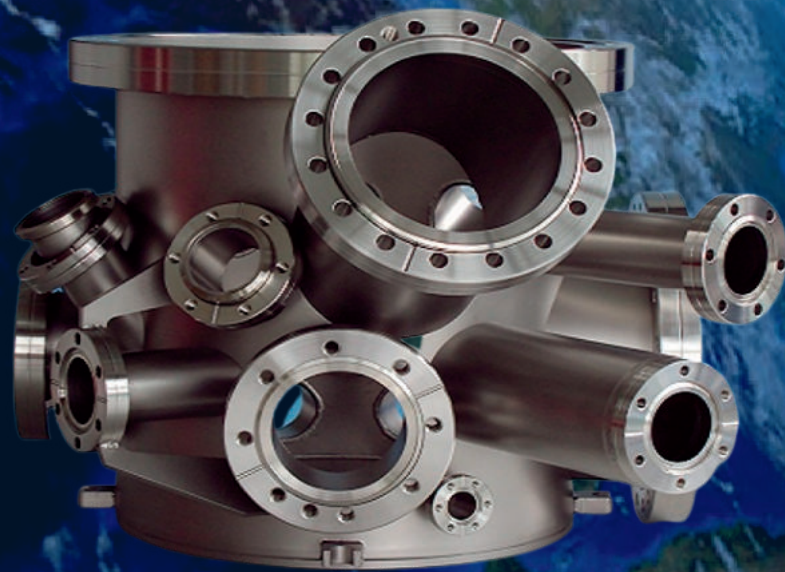


Your partner for vacuum technology  
and space simulation

# HV/UHV Chambers

for research and development



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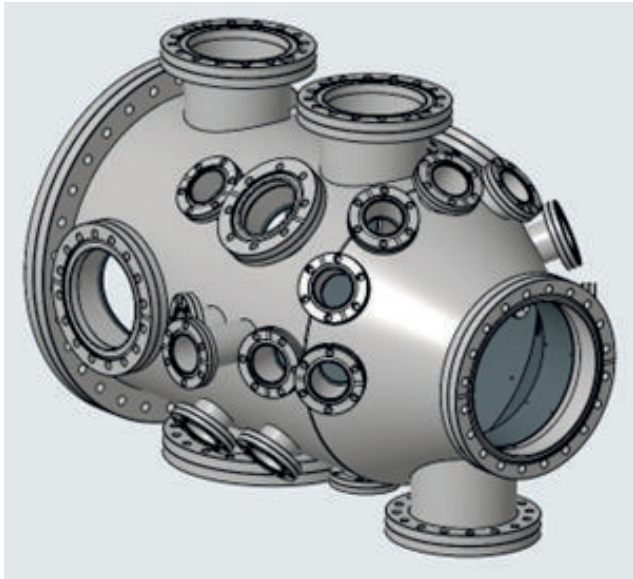


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**JUST VACUUM** is your first point of contact for UHV chambers and recipients. In close cooperation with the customer, our engineers develop and design vacuum chambers specifically tailored to your requirements. The production and welding work takes place at our site in Landstuhl, where we guarantee the highest quality and vacuum-compatible manufacturing processes.



**JUST VACUUM** manufactures in all common materials such as stainless steel 1.4301 (304), 1.4404 (316L) or aluminum. Special solutions with 1.4429 (316LN), copper and magnetic shielding made of mu-Metal are also possible.

**JUST VACUUM** manufactures vacuum chambers of various shapes and sizes. Cylindrical chambers in horizontal and vertical orientation are possible. Cubic and spherical chambers can also be realized. Depending on the requirements, all chambers can be double walled for better cooling, or several flanges can be aligned to one focal point. Feedthroughs, quick access doors and viewing windows are also available for UHV applications.

**JUST VACUUM** uses various surface finishing processes such as etching, glass bead blasting and electropolishing, and pays attention to the highest level of cleanliness. All vacuum chambers are leak tested to  $10^{-10}$  mbar l/s and wrapped in film while preferably fitted with blank flanges.

Our UHV chambers are used in a wide variety of research and development applications, e.g., for experiments at synchrotron particle accelerators such as the LHC, in high precision optical measurements, or in biophysics to study molecules.

