



JUST VACUUM



**Your partner for vacuum technology
and space simulation**



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Facts and figures

- 1993 Company foundation in Kusel
- 1998 New company building in Landstuhl and consistent development and expansion of in-house production of systems and equipment for HV and UHV applications
- 2001 Development into a specialist for space simulation chambers
- 2008 Rebranding to JUST VACUUM GmbH lays foundation for further international expansion
- 2010 Development of control and automation technology for vacuum systems
- 2011 Europe-wide installations of vacuum systems in industrial and research facilities
- 2015 Building of a second manufacturing hall
- 2018 Installation of our own space simulation system for research purposes
- 2023 Building of a third manufacturing hall is planned



Product range



Vacuum systems



Vacuum chambers



Special components



Feedthroughs



Vacuum valves



Vacuum components

Since 1993, we have successfully proven ourselves on the market as a specialist for vacuum technology and space simulation. As your partner, we offer an extensive product range from standard and special components to feedthroughs all the way up to complete thermal vacuum systems.

Our main emphasis is on customer satisfaction and a high standard of quality of our products which is why we only use high-quality materials such as aluminum, stainless steel and μ -metal.

From consulting, mechanical and electrotechnical design to production and assembly all the way up to commissioning at the customer's site – we offer the complete service package as well as, upon request, our after-sales services such as spare parts, maintenance and service.

Contact us – we will be happy to advise you!

HV / UHV chambers

JUST VACUUM manufactures vacuum chambers in various shapes and sizes for the HV and UHV range. We can build cylindrical chambers in horizontal and vertical alignment as well as cubical and spherical chambers.

Depending on the specifications and for the purpose of better cooling, we can build all chambers in a double-walled design or align several flanges with a single focal point. Feedthroughs, quick-access doors and viewports are also available.

Our UHV chambers are used in a wide variety of areas of research and development, for instance at particle accelerators and for high-precision optical measurements as well as in surface and material analysis.





Quality



Leak rate:

- Up to $<10^{-10}$ mbar l/s
- Each welded part is tested individually; with test certificate

Welding seams:

- TIG welding process
- Vacuum-compatible welding seams
- Welded through from the inside or outside

Turned parts:

- blank, roughness N8, sealing surface N6, N7

Surface:

- KF and ISO-K: glass-bead blasted or polished inside and out
- CF: electropolished or glass-bead blasted inside and out

Product identification:

- Laser-engraved serial number on each component

Cleaning and packaging:

- oil and grease free, without hydrocarbons, washed with deionized water, dust-proof bags or foil, protected against damage
- Upon request: Ultrasonic cleaning and cleanroom-compatible packaging

Why Just Vacuum?

- Specialist for vacuum technology from the HV to the UHV range
- Vacuum systems from design to commissioning at the customer's site from a single source
- Manufacture of customized special components
- Standard vacuum components
- Spare parts available at any time as well as fast shipping due to large stock
- Trained, multilingual specialists
- Europe-wide service
- Dedicated engineers, technicians and specialists with many years of experience in vacuum technology

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