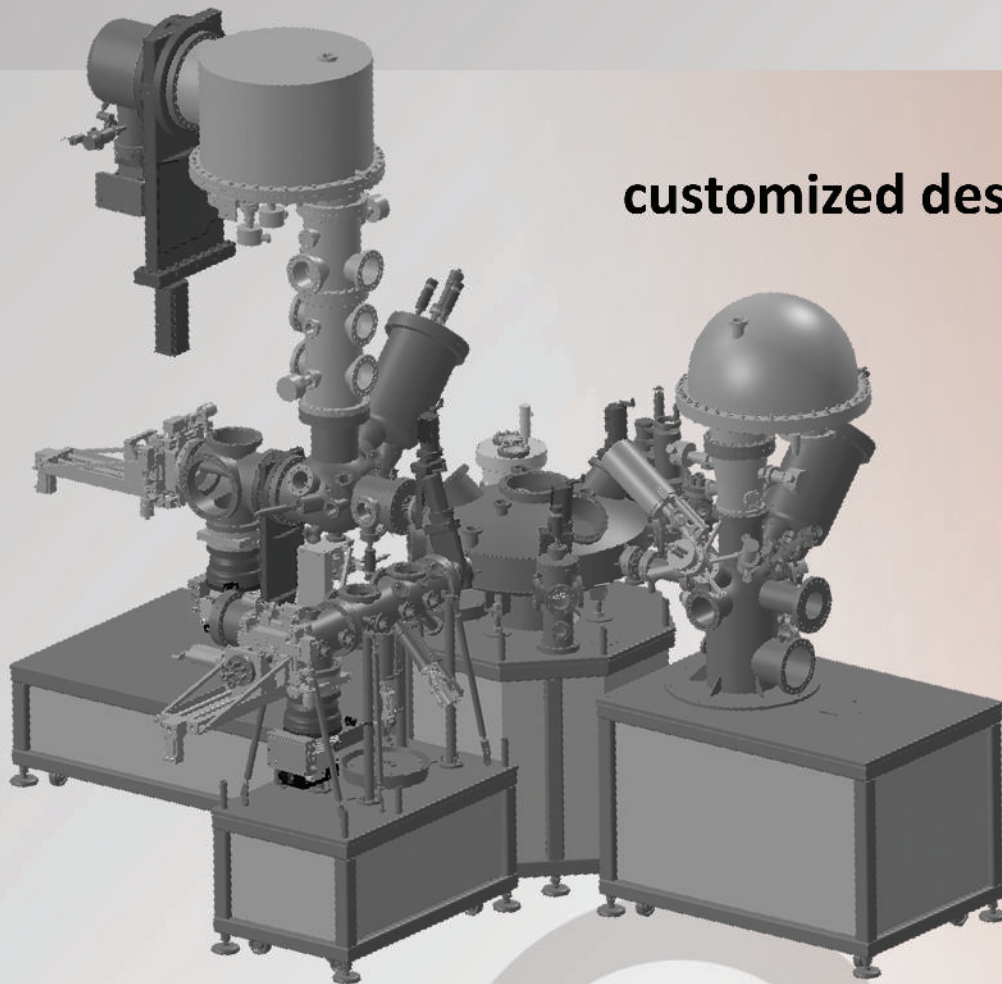




**OmniVac**  
Surface Analysis and Vacuum Technology

## UHV Multifunktion Systems



**customized design**

- highly customized system
- full turnkey
- multi chamber / multi purpose setup
- state of the art UHV technology
- state of the art characterization methods
- state of the art preparation methods

[www.omnivac.de](http://www.omnivac.de)

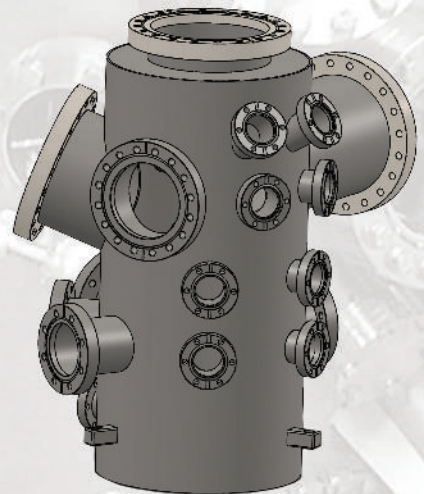
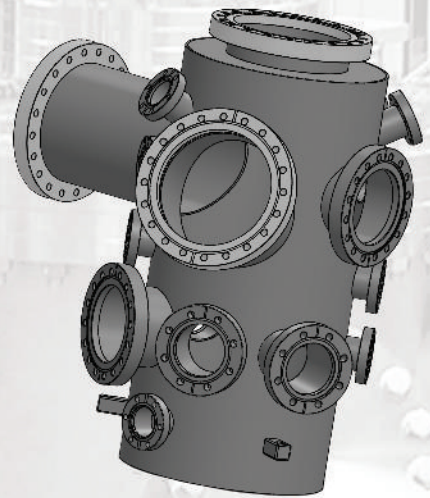
# UHV Multifunktion Systems

OmniVac offers highly customized multi chamber / multi purpose systems wich optimally fit to the customers experimental needs.

From the first conceptual design, the choice of methods and third party equipment up to the installation, training and support OmniVac provides long term experiance to realize reliable and user oriented solutions.

## Typical components of a customized surface preparation and analytics system

- Analysis chamber
- Preparation chamber
- High temperature high pressure reactor
- High temperature ambient reactor
- Radial distribution chamber RDC 820
- Sample storage chamber
- Load lock chamber
- Hemispherical electron energy analyzer
- Non focussed X-ray source XRS 100
- Monochromated focussed X-ray source
- High precision manipulator HPM 100
- Telescopic transfer arm
- Ultraviolet source UVS 200
- Differentially pumped focused ion source with rastering IS 200
- Flood source FS 100
- Sample holder stage SHR 40HC
- Electron beam evaporator EBV 100
- Single pocket thermal evaporator EV 100
- High precision manipulator ZM 100
- Magnetic wobble stick, MWS 40
- Differentially pumped rotary feedtrough DPRF 63



**OmniVac**  
Hertelsbrunnenring 30  
D-67657 Kaiserslautern / Germany

Tel +49 (0) 631 3110740  
Fax +49 (0) 631 28056  
sales@omnivac.de