



Vacuum & Precision Devices

**Engineered Solutions for
High Tech Sectors**



Outline

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- 04** Summary



Vacuum & Precision Devices



Our Mission

Delivering value to our clients through innovative solutions



We are developing engineered solutions for high tech sectors

Space, Science, Semiconductor, Optic, Photonic



Experience in developing systems for the space sector



Research background in international nuclear fusion projects

Standard and customized devices



UHV ceramic roller guide

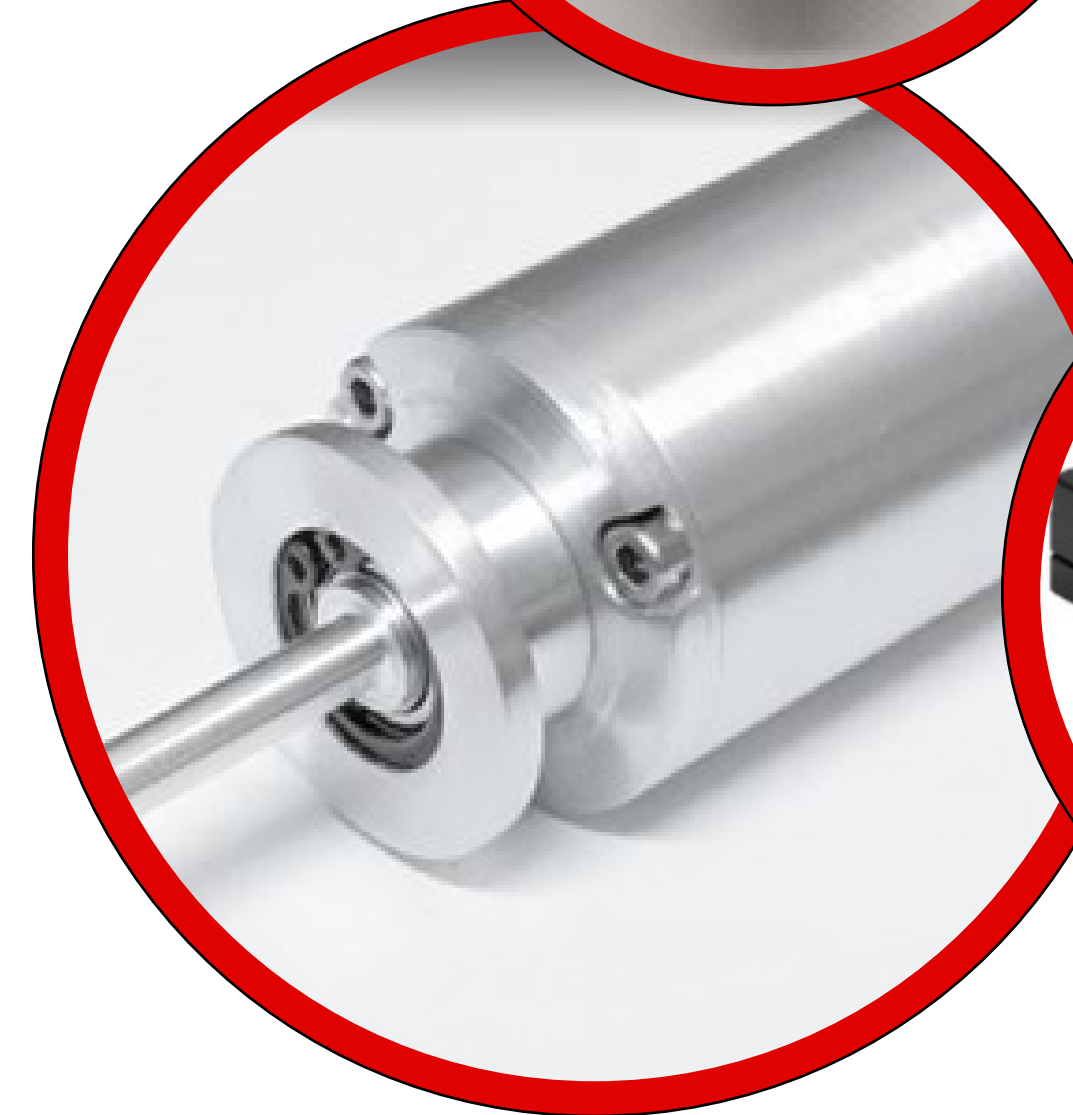


■ We are developing a portfolio of precise **manipulators and instrumentation** for vacuum and optic applications.

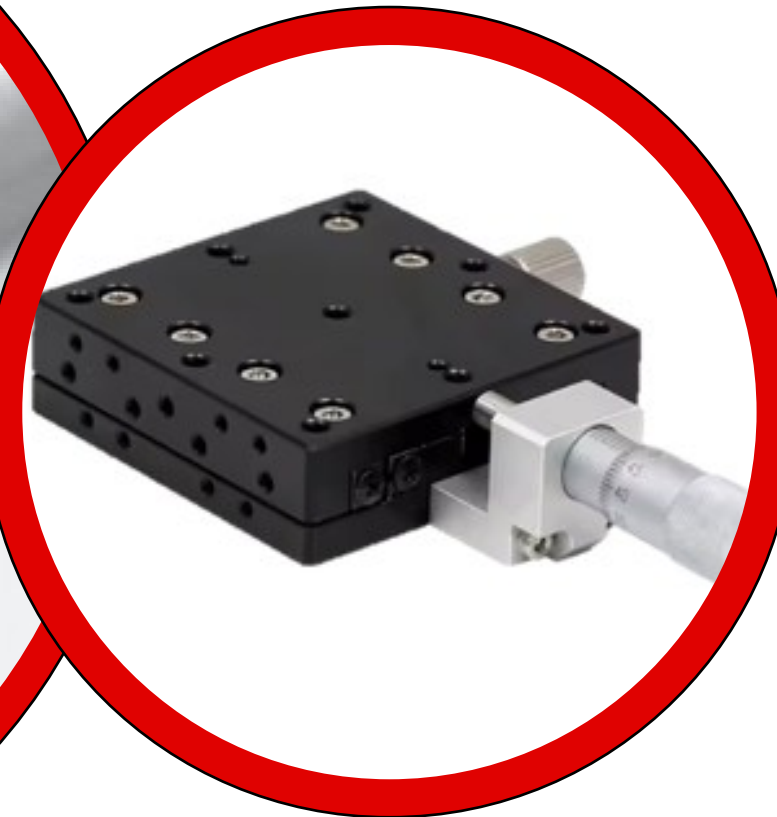
- Magnetic linear & rotary vacuum feedthrough
- Linear guide for Ultra High Vacuum (UHV)
- Manual and motorized optic microstages

■ We control the entire lifecycle of the products, **from design to manufacturing**

- High flexibility to integrate client request,
- Easy customization
- Creation of new applications following client needs



Magnetic Rotary Feedthrough



Manual linear microstage

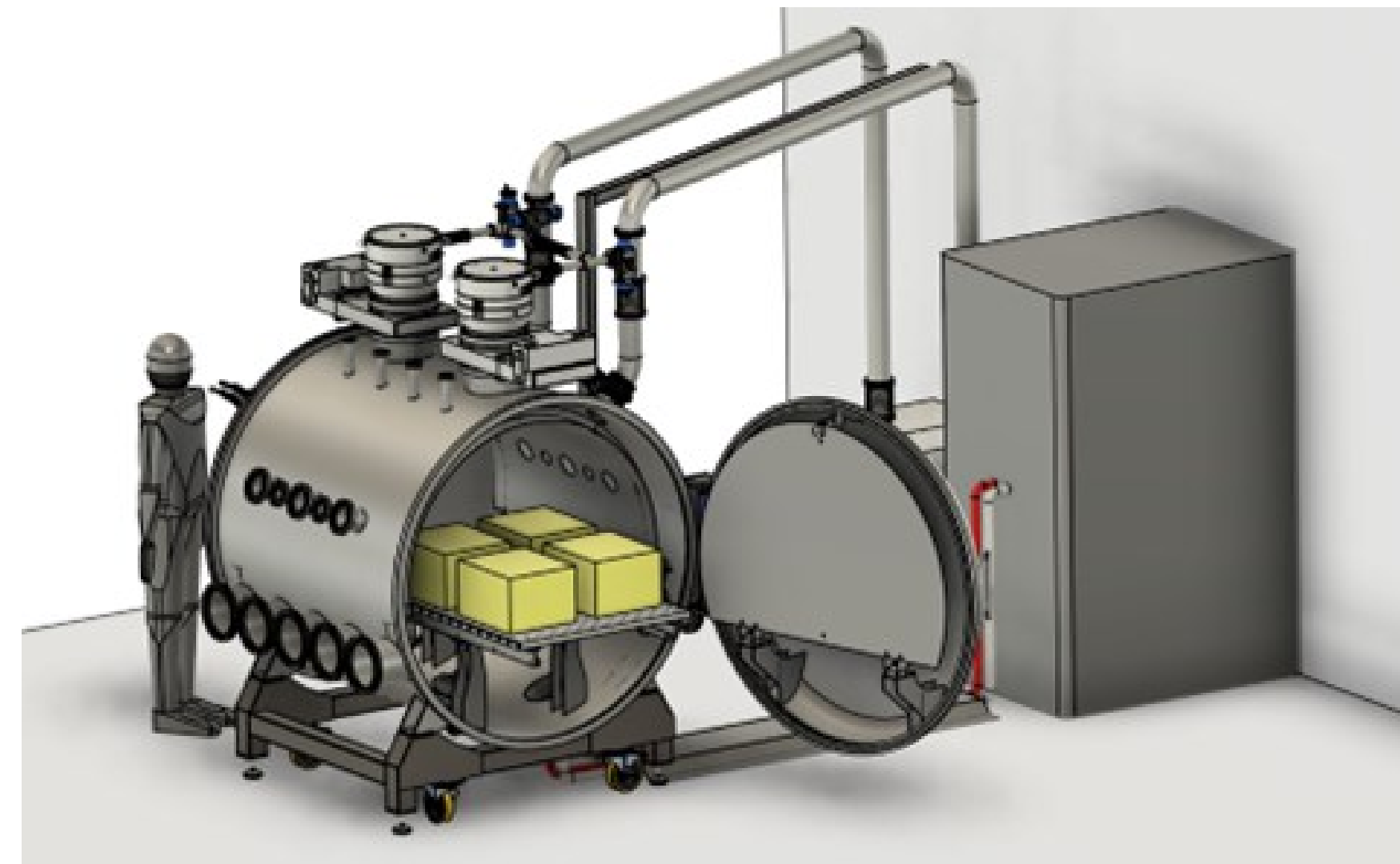
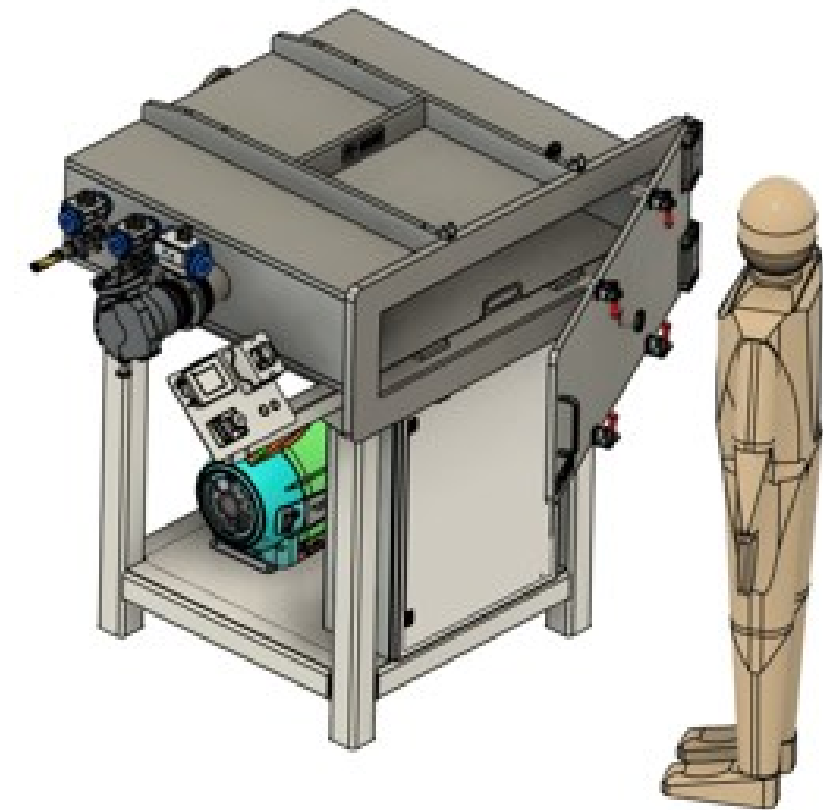
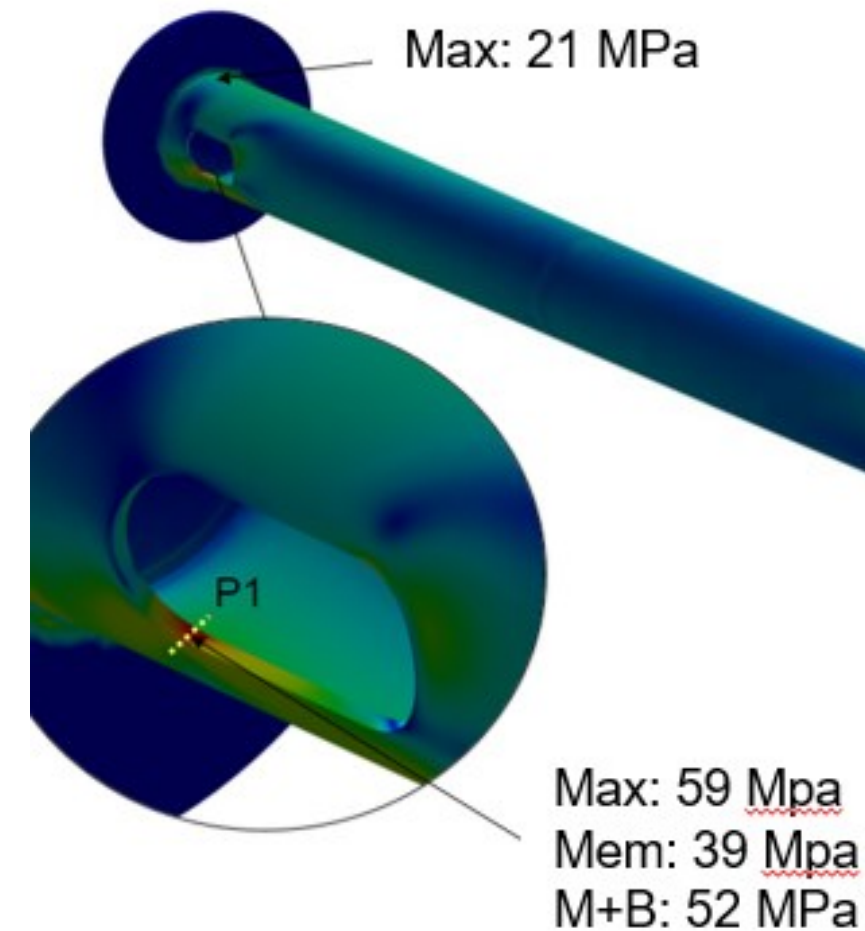
Engineering services

■ Analysis and design of complete thermal vacuum systems

- Mechanical design with Solidworks, Catia or Fusion360.
- Structural, EM and modal analysis with FEM tools

■ Design of customized instrumentation and solutions following client requests

■ Through the collaboration with our partners we have full capabilities to offer turnkey solutions





Vacuum & Precision Devices

Summary

- VPD is a young company based in Malaga and Santa Cruz de Tenerife
- We specialize in offering engineering solutions for high tech sectors. We offer:
 - Standard and tailored precision devices
 - Engineering services to develop complete systems.

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