

VOBOS pro

Vacuum bake-out oven for dry cleaning in the semiconductor sector

- ▶ Specification-compliant processing
- ▶ Design according to outgassing budgets
- ▶ Low-particle heating solution
- ▶ Cleanroom-compatible design
- ▶ Customized automation



VOBOS pro has been specially designed for use in clean-rooms and guarantees effective and reliable cleaning performance thanks to the optimally chosen pump system.

In addition, the precise control of the internal temperature enables stable and reproducible bake-out processes.

Thanks to the targeted design for UHV applications and cleanroom processes, including the use of low-outgassing seals, **VOBOS pro** meets the high cleanliness standards of the semiconductor industry for vacuum systems.



Customized design

VOBOS systems are produced to be low in particles, free of heavy metals and silicone and can therefore be operated in clean or ultra-clean rooms. In addition to the standard equipment listed, the following configuration options are available:

Standard:

- Stand-alone device
- 4S cylinder chamber
- 2 shelves
- Low outgassing FKM seal
- Backing pump 15m³/h
- Heated jacket and rear wall
- Basic control with 9" panel for a storable heating recipe incl. data export
- Design optimized for easy maintenance
- Remote access
- Low in particles, free of heavy metals and silicone

Configuration options:

- Larger backing pump
- Use of a turbomolecular pump
- Heated and differentially pumped door
- Kalrez door seal
- Heating under gas flow
- More thermocouples
- Wall installation

