

**MODULES FOR  
SEMICONDUCTOR INDUSTRY.**  
INTEGRATION OF MECHANICS,  
ELECTRONICS & SOFTWARE.



**BERLINER GLAS**  
BERLINER GLAS GROUP

# MODULES FOR SEMICONDUCTOR INDUSTRY.

## OUR SOLUTION

- ▶ Reliable, flexible and fast assembly of:
- ▶ Vacuum process chambers with controller units
- ▶ Serial measuring set ups
- ▶ Sub-modules for equipment industry
- ▶ Assembling, testing and qualification of precision stages
- ▶ Design of controller for optimized performance
- ▶ Test rigs

## OUR COMPETENCE

- ▶ Co-development and project management competence
- ▶ Various assembly processes inside and outside of the cleanroom including brazing and bonding
- ▶ Semiconductor compatible cleaning and packaging
- ▶ Inhouse design and manufacturing of assembling tools
- ▶ Extensive testing and qualifying according to specification
- ▶ Integration of high-precision mechanical components, electronics and software
- ▶ Customized controllers for chucks
- ▶ UHV suitable construction and proofs
- ▶ Fast transfer to serial production

## YOUR ADVANTAGES TO WORK WITH BERLINER GLAS

- ▶ Use of suppliers innovation
- ▶ Defining of solutions for sub functions
- ▶ World wide supply chain to integrate
- ▶ Ensuring the functional specification of modules

