

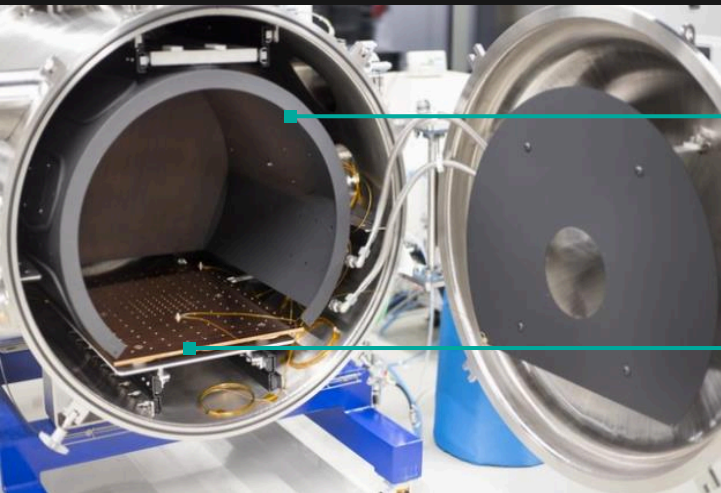
Thermal Vacuum Chamber

Thermal vacuum chamber located in Gliwice, Poland. The chamber is equipped with black thermal shroud and a copper baseplate with independent temperature control. The shroud is cooled with liquid nitrogen. Tested device can be hunged from shroud or mounted to the baseplate with screw connections.



General

- Max. specimen size [mm]: 750x530x675
- Mass max. [kg]: 100
- Vacuum limit [mbar]: 1E-7 mbar without DUT
- Feedthroughs: 6 x D-Sub 50, ISO 160
- Standards: E498-95(2000), E296-70(1999)
ENISO13849-1, ANSI ISA 88



Thermal Shroud

- Cooling: LN2
- Temperature range [°C]: -180 to -80
- Data acquisition: 3 type K thermocouples

Coldplate

- Cooling: LN2
- Temperature range [°C]: -180 to -80
- Data acquisition: 3 type K thermocouples
- Cooling: thermal liquid and air-cooled temperature control unit

Advanced engineering facility - equipment & expertise

- ISO 7 Cleanroom - Controlled environment for precision work and contamination-sensitive projects
- CNC Machine - Computerized manufacturing for accurate, high- quality parts
- Climate Chamber - Controlled atmosphere for testing products under various temperature and humidity conditions
- Laboratory Power Supply - Stable, regulated voltage for a variety of electronic applications
- Multimeters - Precise measurement of electrical properties, including voltage, current, and resistance
- Temperature Data Acquisition - Monitor and record temperature changes for detailed analysis and testing
- Aerospace Industry Experience - Trusted expertise for aviation, space exploration, and related technologies