

Vacuum ▶ PVD Thin films ▶ Leak testing ▶ Plasma



Standard tightness control bench

Model 'He
by



allianceconcept

▶ *Standard tightness control bench*

▶ *Modul' He*



Principle :

- A standard base for every machine.
- Additional equipments to fit any test conditions.
- Slick design with compact frame and intelligent ergonomics.

Short delivery time

- 6 to 8 weeks

Confirmed reliability

- Hundreds of systems in operation
- High quality suppliers
- Over 20 years of experience

Improved performances

- Minimum detectable helium leak 10^{-10} atm.cm³/s
- Fully automated cycles

Accessibility

- Ergonomic and easy to use
- Easy access for maintenance

Acquisition mode

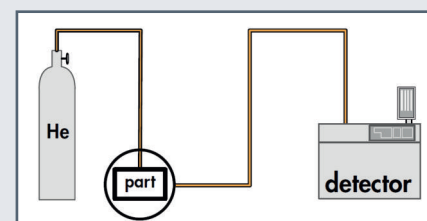
- Competitive purchase price
- Can be rented to try out the helium detection

Reinforced guaranty

- 24 to 48h Customer Service intervention
- Experienced Customer Service department

Testing methods :

▶ Global test

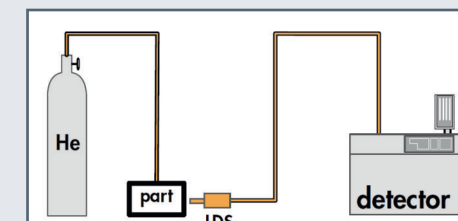


▶ This kind of test provides high detection sensibility; minimum reject threshold : 10^{-10} atm.cm³/s.

▶ Principle :

- The part is placed into a vacuum chamber,
- The part is pressurized with helium,
- If there is a leak, helium escapes and is quantified by the helium leak detector which is connected to the chamber.

▶ Localisation test



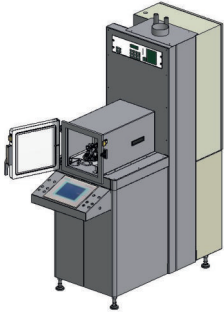
▶ Sniffing test allows the operator to locate the leak on the part to be tested.

▶ Principle :

- The part is helium pressurized,
- The sniffer is connected to the leak detector,
- The operator uses the probe around the part to be tested to localize leaking helium hence leaks.

Versions and options

Compact chamber on the Modul'He



Chambers with large dimensions

Automatic or manual chamber opening



Touchscreen interface, local or network traceability

The best solutions to fit your requirements :

To meet the highest requirements expected by its customers, Alliance Concept has developed the Modul'He range, which turns helium leak detection into an affordable test.

With its competitive price and optimised delivery time, your Modul'He will become your best ally for efficiency and highly accurate results. Of course, Alliance Concept also designs and produces customised test benches for more specific needs.

Ever stricter control criteria :

Considering new environmental, safety and hygiene norms, automatic leak detection has logically become a regular practice in a lot of various fields and industries.



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