

Vacuum ▶ PVD Thin films ▶ Leak testing ▶ Plasma



Clustertool with vacuum robot

CT200



by
allianceconcept

Vacuum robot platform for cluster process tool.

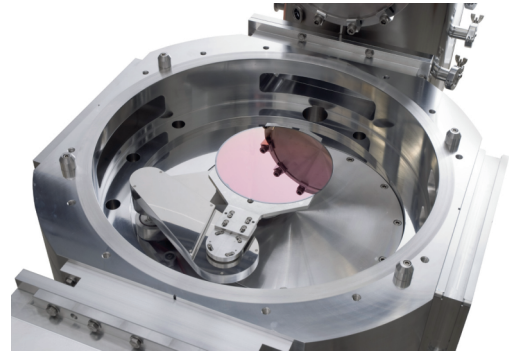
Ultimate tool for the synthesis of thin films, CT200 is the latest tool designed by our engineering department. It presents and values our know-how accumulated over 25 years.

Versatile and scalable equipment by definition, the heart of the tool is a central transfer chamber equipped with a dedicated vacuum robot. This chamber is the link between each process module connected through SEMI valve.

In up configuration, it is possible to work with vacuum evaporation modules with eletron beam, for example.

CT200 hallmarks:

- High performances**
- Great ergonomics**
- Optimised maintenance**



Main features

Load lock chamber :	Cassette SEMI 200 mm
Transfer chamber :	4 ports
Glove box interface :	Yes
Ultimate vacuum (turbomolecular configuration) :	5.10^{-7} mbar ^[1]
Ultimate vacuum (cryogenic configuration) :	5.10^{-8} mbar ^[1]
Through the wall implantation :	Yes
Fully automatic system controller :	- Process Management - Traceability

^[1] These values have been measured on equipment we have delivered and should be handled as information only. The features of a system depend on its final configuration.

