



ALLIANCE CONCEPT

Vacuum System Solutions

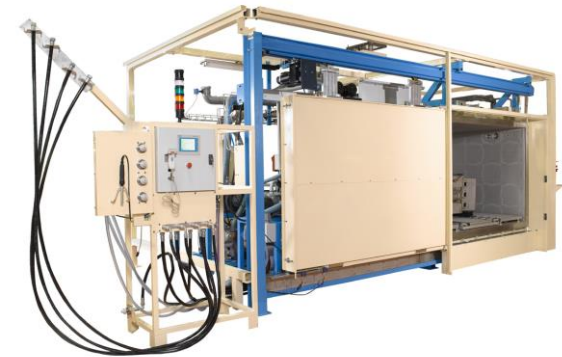
ALLIANCE CONCEPT's 3 main activities



Thin Film Coating



Vacuum
Technology



Leak testing



Our activities



Thin Film Coating (PVD) 86 %

- ▲ Magnetron sputtering
- ▲ Vacuum evaporation
- ▲ Plasma cleaning processes
- ▲ Dry etching

Applications

- Optical
- Optoelectronic
- Microelectronic, MEMS
- Sensor manufacturing
- Tribological layers
- Luxury



Our activities



Leak detection

8 %

- ▲ Tracer gas for leak testing (Helium, Hydrogen-based gas...)
- ▲ Turn-key fully automatic control systems

Applications

- Automotive
- Energy
- Refrigeration
- Aircraft industry
- Medical
- R&D (Compact test benches)



Our activities



Vacuum Technologies 6%

- ▲ Ion Beam Figuring Plant (IBFP)
- ▲ Pumping systems
- ▲ Simulators for Space Industry

Applications

- Optics
- Electronic tubes
- Aeronautics
- Space industry



The company in a glance

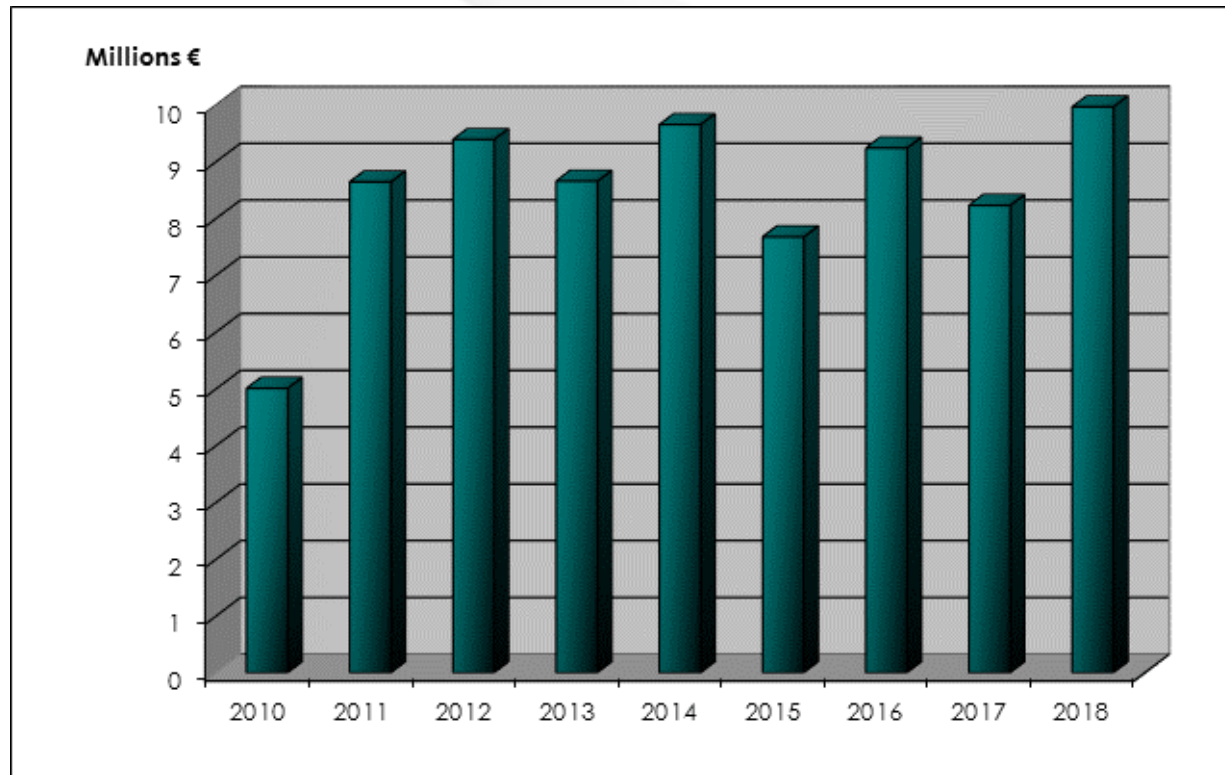
▲ Administrative information

- Creation : 1991
- Legal form : SAS
- Paid up capital : 418 000 €
- Workforce : 48 employees
- Location : Annecy - France



The company in a glance

▲ Company's turnover



Product line

- ▲ Magnetron sputtering systems
- ▲ Evaporation product range
- ▲ Leak detection systems
- ▲ Turn-key equipments



Surface activation

- ▲ RF plasma, microwave, BF
- ▲ Primary or secondary pumping
- ▲ Automatic sequences process



Magnetron sputtering systems



AC 450
4 x 100 mm magnetrons



DP 650
4 x 200 mm magnetrons



DP 850
6 x 200 mm magnetrons



DP 1100
200mm Si



LINE 440
5 x 127x381 magnetrons



DECORA 760
Dépôt 3D

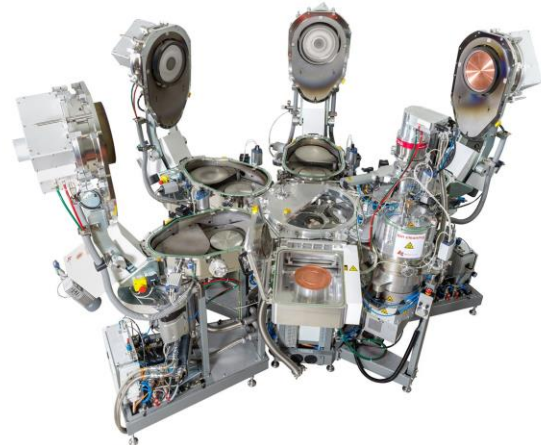
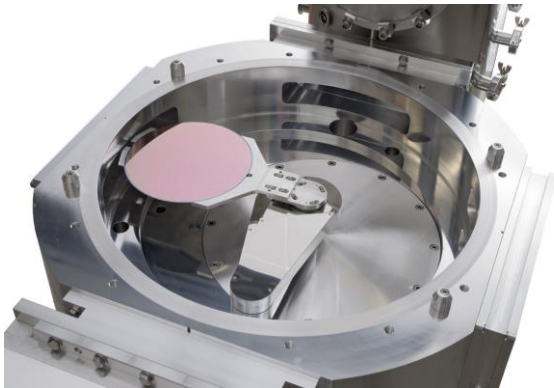


CT 200
Multi-chamber
Clustertool



AC main forces

- ▲ CT 200 multi-processes platform:
 - Up to 6 modules
 - Home made vacuum robot
 - Wide range of system configurations
 - Solar, nanotechnologies, semiconductor (R&D),...



Evaporation product range



EVA 300
Laboratory evaporator



EVA 450
E-beam gun R&D



EVA 600
Electron gun



EVA 760
Electron gun



MIH 1900
Industrial application



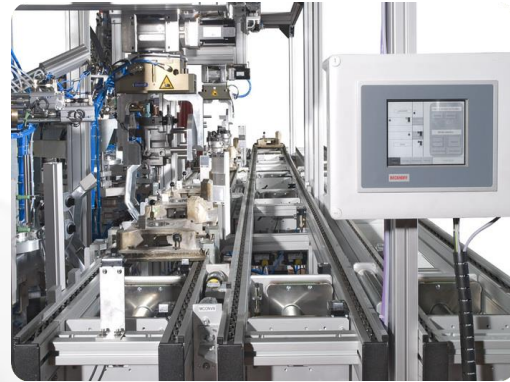
MIH 2800
Large capacity



Leak detection



Refrigeration



Automotive Industry



Energy



R&D (Test Benches)



Modul'He

Tracer gas for leak testing

- ▲ Modular standard base
- ▲ Global method, sniffing
- ▲ Optimised maintenance
- ▲ Ideal for R&D (prototypes), Maintenance, Industrialisation etc.



Turn-key equipments



TCO



DP 2000



300mm Xfert chamber



Vacuum furnaces

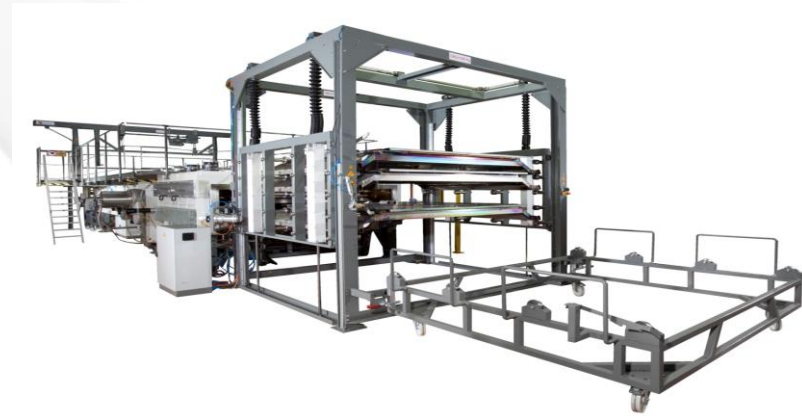


Web Coater



Turn-key equipments

- ▲ System capacity : 2,0 x 2,1 m²
- ▲ Thickness uniformity : +/- 5% on 2 m
- ▲ Deposition : DC, DC pulsed, RF, MF
- ▲ Ultimate vacuum : 3.10⁻⁷ mbar






merci

