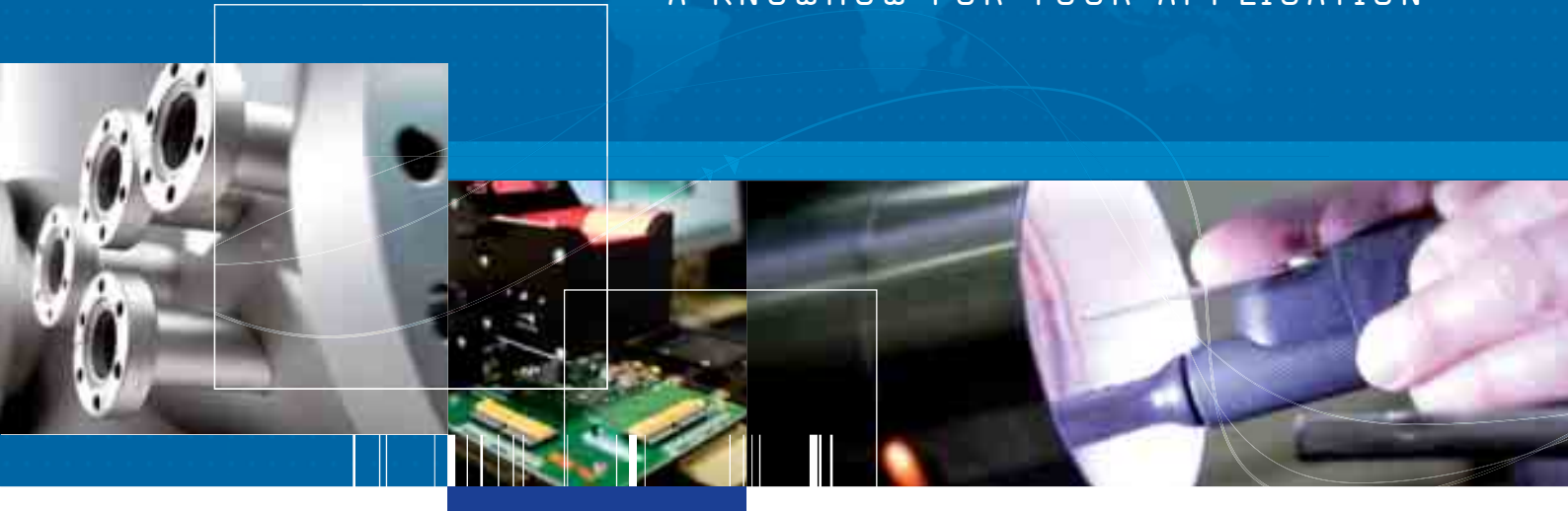


SOMINEX SCIENCES

A KNOWHOW FOR YOUR APPLICATION





SOMINEX SCIENCES

Design, construction and maintenance of all systems using the technique of vacuum and ultra high vacuum.

THE VACUUM VESSELS

We make, according to your specifications (description, sketches, plan files,...) all types of custom-made vacuum vessels and ultra-high vacuum vessels.

Depending on your requirements, we guarantee the following services:

- Dimensional controls
- Helium leak detection
- Bake out and residual gas analysis by mass spectrometer.

Machining for vacuum:

Movements, tools, cooling circuits, high-quality components and systems...

These equipments have the same level of requirement than vacuum vessels in terms of surface quality, manufacturing processes and cleaning.

All products are assembled, checked and tested in cleanroom by our technicians.



ASSEMBLY AND SUB-ASSEMBLY

Sominex is able to offer, through its capabilities and its network of specialized subcontractors, the manufacturing of complete or subgroups:

- Vacuum vessels equipped on frame
- Frame
- Mobile table
- Specific product
- Complete beam line.





ECR ion source bench / Customer: Panttechnik

NEW EQUIPMENT

Based on its 30 year-experience in the automated machines, Sominex provides you with all its capabilities for the materialization of your projects.

Thin film machines, sealed vacuum control, ion etching, baking machine: expose us your problem and we will define the whole machine geared to your needs.

- PLC and PC Programming
- Electrotechnical schemes
- Bays and machinery wiring
- Designing boards through electronic tools (Mentor Graphics, PCB Designer, Orcad and Altium Designer)
- Cards development according to your specifications (dimensional, HF, impedance controlled, HT,...)
- Insertion of components, whatever the process, whatever the box (BGA and LGA, HVQFN, 0102,...)

MACHINERY RENOVATION

You own outdated or faulty equipment?

We offer you solutions for:

- Updating its components to improve performance
- A partial or complete automation to increase yields
- A complete overhaul of the system for other use.



**You have a project?
Contact us.**

Contact
+33 (0)2 31 51 40 00

AN INTERNATIONAL PRESENCE
FOR YOUR BUSINESS



HEAD OFFICE

Z.I. 13 rue de la Résistance
BP 61620 – 14406 BAYEUX cedex
Tél. +33(0)2 31 51 40 00
Fax. +33(0)2 31 92 98 22
E-mail : sominex@sominex.fr

ELECTRONIC OFFICE

CAMPUS EFFISCIENCE INNOVAPARC
2 rue Jean Perrin – 14460 COLOMBELLES
Tél. +33(0)2 31 35 10 00
Fax. +33(0)2 31 72 21 37