



USES :

TOP INDUSTRIE offer a rapid parallel multi-reactor station under diverse gases for numerous screening applications such as catalysis testing, Zeolite synthesis, hydrogenation, carbonylation, oxydation etc.

The system is based on the sequencing of drawers containing 10 small-volume autoclaves (around 5ml). Each autoclave can be set up for pressures reaching up to 100 bar.

It is possible to regroup ramps into modules, or for wider screening, to use each ramp under different and independent temperatures and pressures. The whole system can be completed by a robot who automatically and very precisely prepares mixtures from reactant tanks.

At the end of the reactions, filtration ramps may allow solids formed during the reactions to be collected and compressed as pastilles which can be analyzed by a diffractometer.

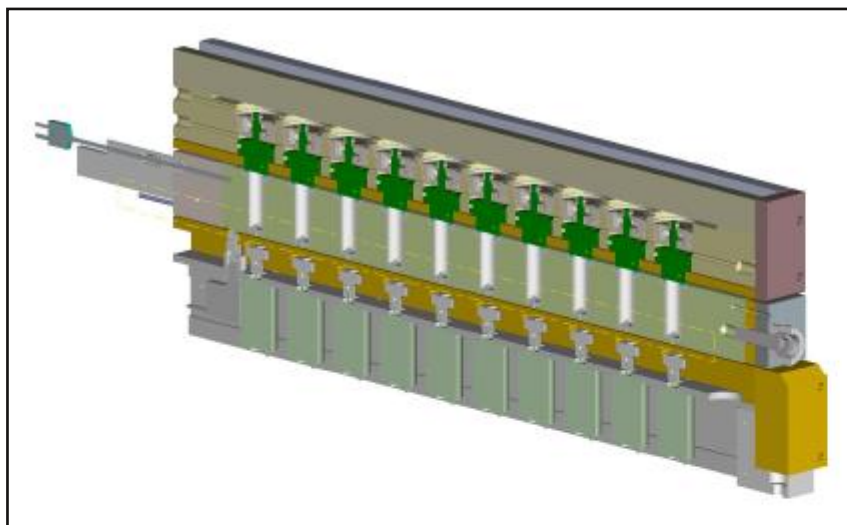
TOP INDUSTRIE produces a modular and complete piece of equipment which permits extensive screening operations to be rapidly carried out.

FEATURES :

- Up to 25 ramps of 10 autoclaves each, in modules of 1 to 5 ramps.
- Max. Pressure: 100 bar.
- Max. Temperature : 200°C.
- Rapid cooling system
- Injection of reactive gases
- Individual autoclave volume : 5ml
- Magnetic stirrer.
- Autoclave material : 1.4404 (316 L)
Option: Hastelloy B2 - C22 - C 276 - ...

OTHER OPTIONS :

- 3 Drawer case for mixture preparation after ramp installation.
- Sampler robot : To fill autoclaves from reactant tanks.
- 3 Drawer case for solid filtration with individual compression for shaping



In view of possible technological advances in our production methods, the products described in this manual are liable to be modified without prior notice.

