THERMAL PRECONDITIONING TREATMENT AND VACUUM DISTILLATION

Technical data

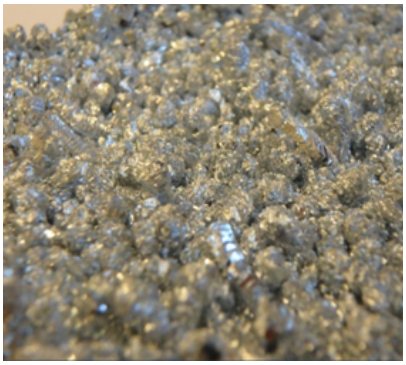
- 2l laboratory furnace: up to 750°C under vacuum or gas (N2, HNx, Ar,...)
- 200l pilot furnace: up to 850°C under vacuum or gas (N2, HNx, Ar,...)
- Smart and versatile devices (condensers, off-gas system, smart monitoring)

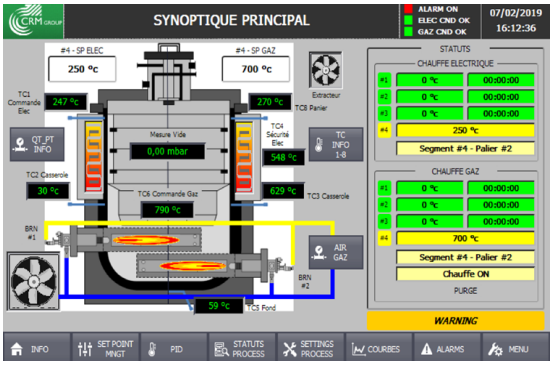
Purpose

Various tests and campaign can be performed in these equipment in order to characterize organic, volatile and low boiling point element in various material, experiment new treatment of end of life products (photovoltaic panels, scraps, zinc waste, batteries & electronics...).

Results

The gases emitted can be directed to cooling panel to recover metallic element and the volatile gases can be processed in off-gas treatment system. Characterization of mass balance, velocity of reaction, application window (temperature, pressure, gas, time...). The system is designed to be adapted easily.





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