

# Unique Selling Points



## Experimental Control

**Temperature ranging**  
from -196°C to 2500°C

**Sample amounts**  
from a few mg or µL to  
hundreds of kg or L

**Pressure ranging**  
from ultra-high vacuum to  
1000 bar

Under reactive, humid,  
corrosive **atmospheres**, gases  
or vapors, including 100%  
hydrogen

**Multiple simultaneous  
measurements**



## Quality Results

**Reliable (accurate and  
precise) thermal  
measurements for :**

- mass variations
- evolved gases
- heat Flow
- dimension change
- pressure change

**As a consequence, highly  
reliable**

- temperature, heat and heat capacity measurements in solids, liquids, gels, low density or heterogeneous materials
- thermal expansion and densification/sintering measurements
- sorbed quantities measurements

**High sensitivity data when  
determining small or long  
term effects**



## Instrument Versatility

**Modular structures with  
interchangeable**

- TGA module (thermobalance)
- TMA / dilatometry module
- gas analyzers
- humid gas generators

**Thermogravimetric  
Analyzers with  
interchangeable**

- TGA, DTA, DSC or Cp sensors
- calorimetric platform with exchangeable cells for
- mixing
- stirring
- gas or liquid dosing or flow
- percolation (packed bed reaction)

**Modular structures for  
easier, efficient servicing**

**We also provide fully  
customized instruments**

REIMAGINE MATERIAL CHARACTERIZATION