

High Throughput CATalyst Screening



For hydrogenation and other high pressure reactions

Features and Benefits

- Use on hot plate, oil bath or PolyBLOCK
- Choice of 7, 18, 24 or 96 simultaneous reactions
- Sample sizes 1ml to 8ml
- Magnetic stirring
- Special design to prevent solvent loss



Easy to Use
Designed by Chemists for Chemists

For more information or a demonstration please contact
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better chemistry - faster

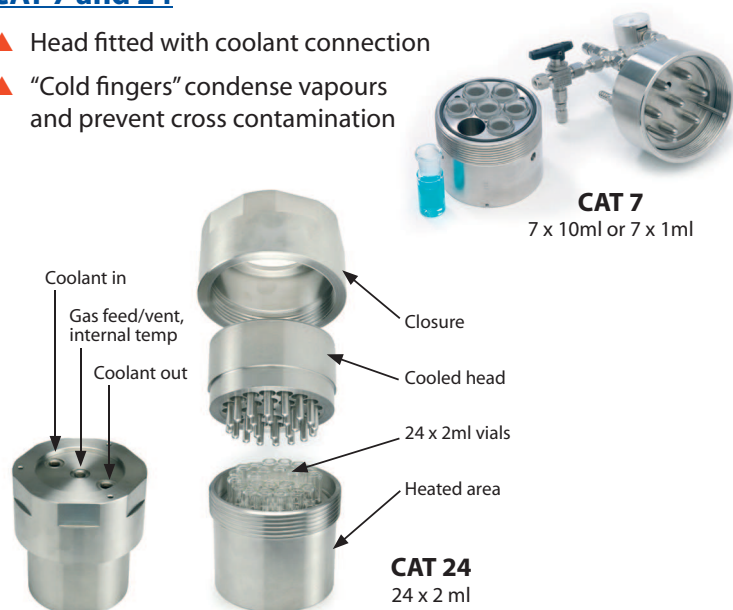
System for semi-quantitative catalyst screening

Manual Systems

- ▲ 100 bar / 250 °C rated vessels (316SS or Hastelloy)
- ▲ Valves and pressure gauge to manually purge (e.g. inert) and then pressurize with reacting gas (e.g. hydrogen)
- ▲ Place on any hot plate for heating / stirring
- ▲ "Pocket" for thermocouple to monitor operating temperature

CAT 7 and 24

- ▲ Head fitted with coolant connection
- ▲ "Cold fingers" condense vapours and prevent cross contamination



CAT 18

- ▲ Uses 18 x 2ml HPLC vials (with or without Septa) but without refluxing features

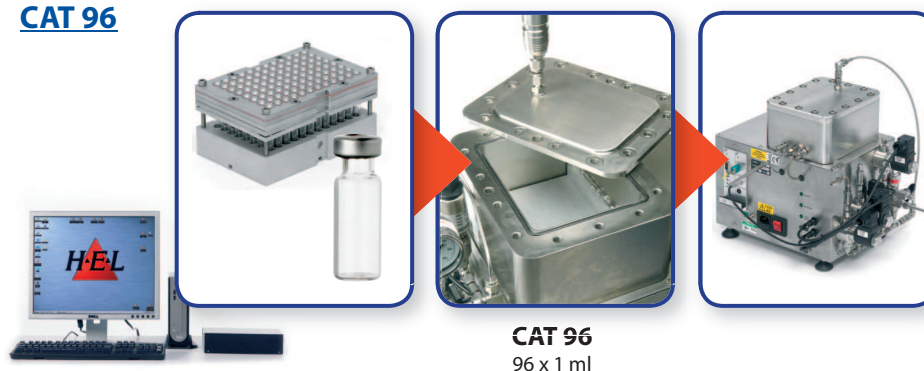


Automated System

Fully automated design based around 96 well Zinsser block

- ▲ Up to 96 x 1ml vials
- ▲ 35 bar / 200°C
- ▲ Magnetically stirred
- ▲ Computer control for:
 - Gas feed/venting
 - Temperature
 - Agitation
 - Pressure

CAT 96



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