



The H-Cube Gas Module

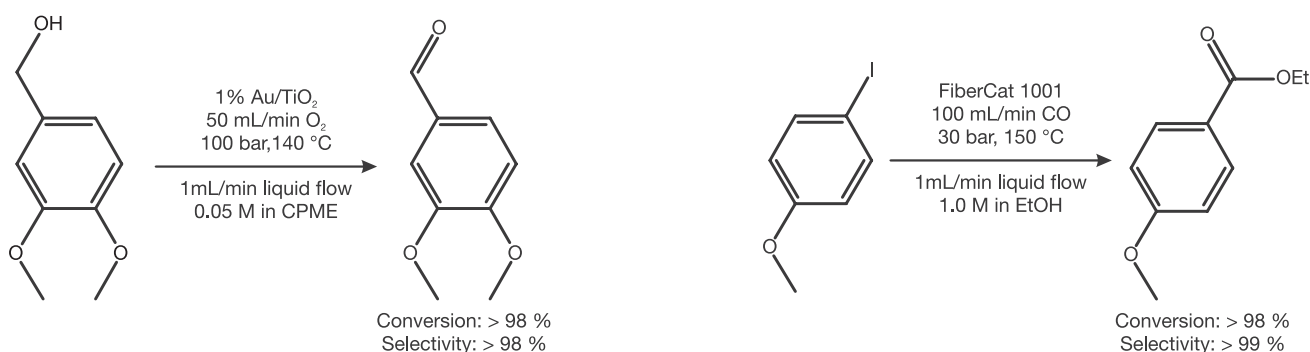
Gaseous reagent organic chemistry made easy



- ✓ 13 gases in one device
- ✓ Fast reactions - chemistry in minutes
- ✓ High pressure reactions to 100 bar
- ✓ Intuitive User Interface



From ThalesNano, the company that brought you the H-Cube[®], which made hydrogenation easier, safer, and faster to perform, comes its new innovation, the H-Cube Gas Module. The H-Cube Gas Module works seamlessly with any existing H-Cube[®] or the new H-Cube Pro[™] to allow a further 13 gases to be used at up to 100 bar using the same intuitive touch screen controls. Reactions such as carbonylation or oxidation can now be performed on the H-Cube[®] at the same high pressures widening the reactor's chemistry ability significantly.



Versatile:

Compressed Air, O₂, CO, ethylene, SynGas for hydroformylations, CH₄, C₂H₆, He, N₂, N₂O, NO, Ar.

Fast:

Just like with hydrogenation on H-Cube[®], reactions with other gases complete in less than 10 minutes.

Powerful:

Up to 100 bar capability.

Robust:

All high quality stainless steel parts.

Simple:

3 button stand-alone control or via simple touch screen control on H-Cube Pro[™].

Precise:

Mass flow controller for accurate dosing.

H-Cube Pro[™] added benefits:

- Savable and reproducible experiment methods
- Automated blockage or solvent leak detection
- Touch screen user interface



For further information please contact us at info@thalesnano.com.

ThalesNano Nanotechnology Inc.

Zahony u. 7.
H-1031 Budapest
Hungary
Tel.: +36 1 880 8500
Fax.: +36 1 880 8501
E-mail: sales@thalesnano.com

US Office

50 S. Penn St. Suite B-2
Hatboro
PA. 19040
USA
Phone: +1 818 600 1116
E-mail: USAsales@thalesnano.com

