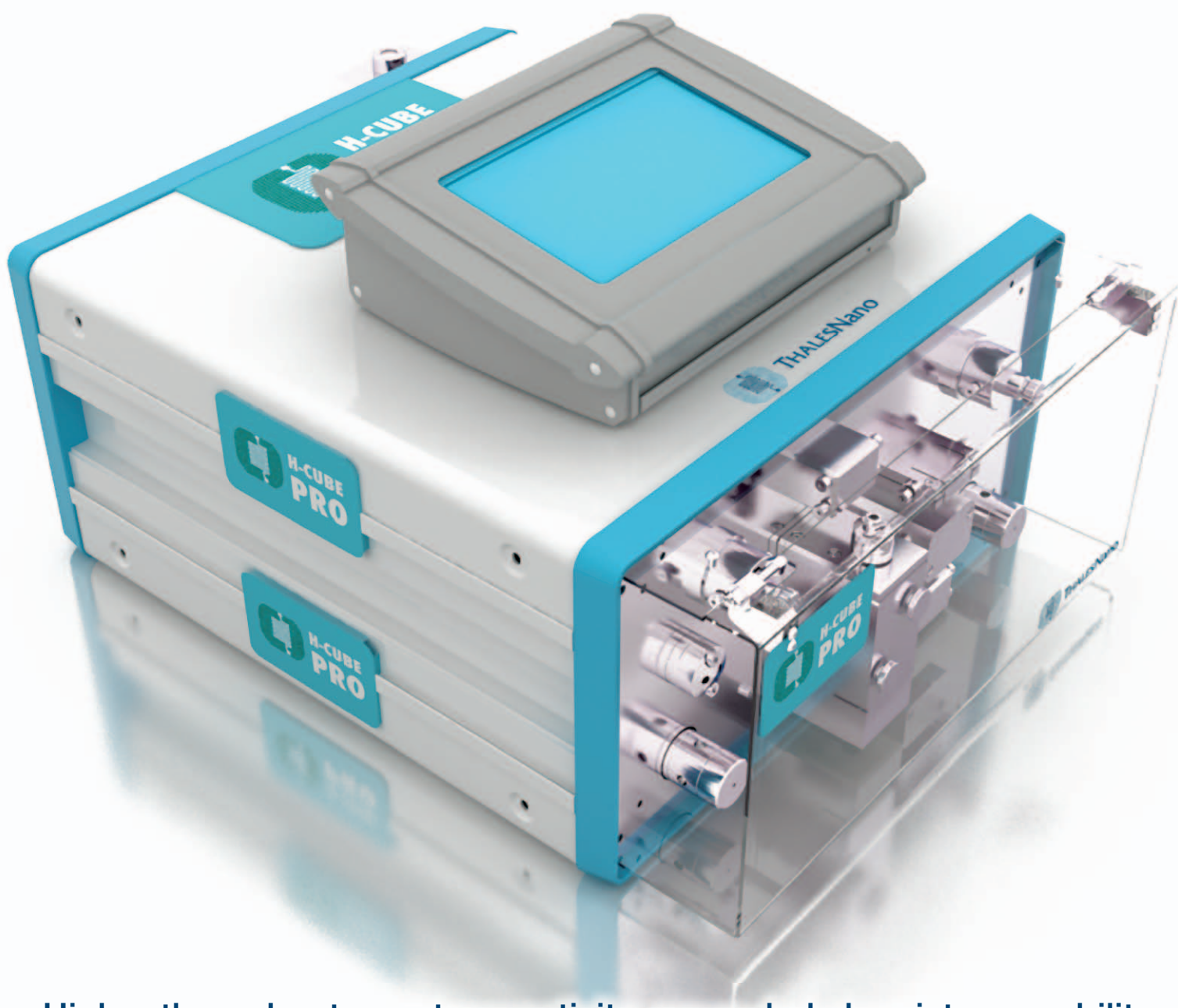




H-Cube Pro™

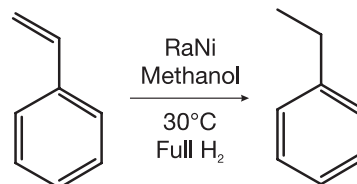


Higher throughput, greater reactivity, expanded chemistry capability

Advantages

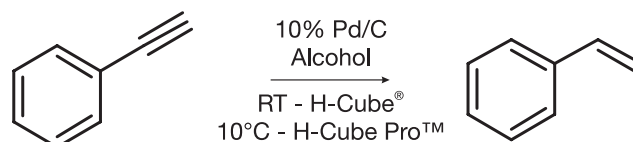
Higher Throughput and Control

The H-Cube Pro™ contains two cells to generate up to 60 mL/min of hydrogen. Now reactants can be hydrogenated at up to 2.0 M in concentration with a 70 mm CatCart®. Users may vary the amount of hydrogen produced at each pressure level between 0 and 60 mL/min offering greater reaction control.



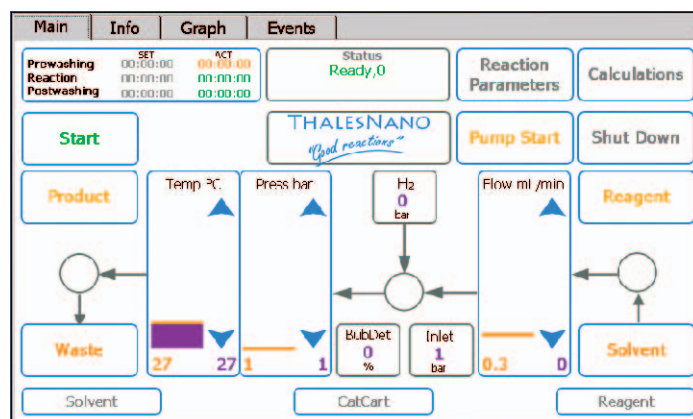
Wider Temperature Range

Temperature may now be varied from 10-150°C, instead of only 25-100°C, offering greater selectivity at lower temperatures and the ability to perform more difficult reactions at higher temperatures.



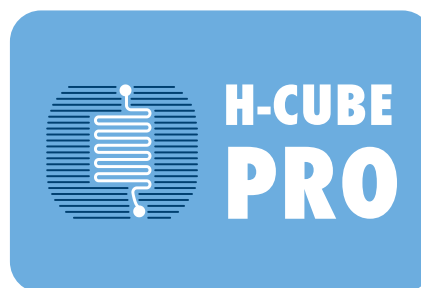
Intelligent Software

The H-Cube Pro™'s graphical interface is now even easier to use and more powerful. Reaction parameters may be followed in real time and the data exported at the end of the reaction. The software also has a timer function where users can set the duration of the reaction. The software will use the inlet and outlet valves to automatically equilibrate the system, run the reaction, and then rinse the lines with solvent.



Greater chemistry capability

The H-Cube Pro™ will be forward compatible with other low-cost reactor modules to give chemists chemistry capabilities beyond hydrogenation. High temperature liquid reactions or other gases will soon be possible on the H-Cube Pro™.



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 ThalesNano

50 S. Penn St. Suite B-2
 Hatboro
 PA. 19040
 USA
 Phone: +1 732 274 3388
 E-mail: USAsales@thalesnano.com

UK Office

Carl Jones
 Head of European Sales
 Tel.: +44 (0) 7868 843 819
 E-mail: UKsales@thalesnano.com