



THALESNano

*"Good reactions"™*



## CatCart Packer™ Use Your Own Catalysts and Reagents

Now you can use your own catalysts/reagents in a safe, easy and cost effective way with our new CatCart Packer™.

ThalesNano now provides simple, adaptable instruments to enable you to fill your own catalysts/reagents into cartridges that can be used with the H-Cube®, H-Cube Tutor™ and X-Cube™ continuous flow reactor systems.

The Vacuum System allows you to properly fill your catalysts/reagents into the CatCart® (pre-sealed at one end and available from ThalesNano Inc.).





The CatCart® Filter and Sealing System ensures that all the filled catalyst/reagent will remain in the CatCart® while the reaction is in progress by securely sealing the CatCart® with a proprietary filter system.

After filling and sealing the CatCart® is ready for use.

For the H-Cube®, all sizes of cartridges (30, 55 and 70 mm) are available. The particle size, according to the diameter of the CatCart®, should be between 50 – 400 microns.



| Product   | Item number | Product Description  |
|---|-------------|--|
| <b>CatCart Packer™</b>                                    | THS 09015   | Allows the packing of catalyst/reagent into cartridges with lengths of 30, 55, and 70 mm for use on H-Cube®, H-Cube Tutor™, and X-Cube™. The CatCart Packer™ contains a vacuum filling station and mechanical press. |
| <b>30x4 CatCart® with one end sealed with 8 µm filter</b> | THS CC030   | The cartridge is sealed at one end, allowing the user to fill the cartridge with catalyst or reagent   |
| <b>55x4 CatCart® with one end sealed with 8 µm filter</b> | THS CC055   | The cartridge is sealed at one end, allowing the user to fill the cartridge with catalyst or reagent   |
| <b>70x4 CatCart® with one end sealed with 8 µm filter</b> | THS CC070   | The cartridge is sealed at one end, allowing the user to fill the cartridge with catalyst or reagent   |
| <b>CatCart Filter Sealing Package for 8 µm filter</b>     | THS 01047   | Allows the user to seal the open end of the cartridge. The filter parts come in packs of 10.   |

For further information please contact us at [flowchemistry@thalesnano.com](mailto:flowchemistry@thalesnano.com) or visit our website: [www.thalesnano.com](http://www.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](mailto:sales@thalesnano.com)

### US Office

Princeton  
7 Deer Park Drive, Suite M-3  
Monmouth JCT NJ 08852  
US  
Tel.: +1 732 274 3388  
E-mail: [USAsales@thalesnano.com](mailto:USAsales@thalesnano.com)

### UK Office

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