

PRESS RELEASE

Chemtrix introduces new Flow Chemistry system for kilogram production

KiloFlow®: the turnkey kilo-lab in your fume hood

Geleen, The Netherlands, October 12th, 2011 - Chemtrix BV, a pioneer and leader in the manufacture of scalable flow chemistry platforms, today announced the introduction of a new Flow Chemistry system- KiloFlow®.

Chemtrix' KiloFlow® is the first turnkey flow chemistry system to scale continuous flow chemical processes from mg method development to hundreds of kilogram production without changing process parameters. KiloFlow® is developed in close cooperation with Janssen Pharmaceutica NV.

"KiloFlow® allows us to perform process development up to Phase 3 in a standard fume hood, without going to the pilot plant", says Dr. Luc

Moens, Research Fellow at Janssen Research and development, a division of Janssen Pharmaceutica NV. "The wide working range under inert conditions, in a single system, allows the exploration of new chemical space whilst enabling kilo-lab operations to be performed in a standard laboratory fume hood."



KiloFlow® is a turnkey system comprising of no clogging sensitive pumps, reactors, heat exchangers, temperature control and pressure regulation (measured in the reactor), designed to enable the process engineer to readily access 'extreme' conditions enabling the performance of highly exothermic reactions at -40 to 195 °C, at reaction times of ms to 37 min and pressure conditions of 20 bar, allowing previously 'forbidden' transformations and intensified processes to be executed within a conventional laboratory setting.

"We are proud to announce this new Flow Chemistry system", commented Hugo Delissen, CEO of Chemtrix. "The KiloFlow® standard products give a unique set of specifications and working range which we can easily enlarge in customized systems using the same technology".

KiloFlow® will be presented at booth 40G63 during CPhI Worldwide 2011 in Frankfurt, October 25th - 27th.

About Chemtrix

Started in 2006 as a joint venture between The University of Hull (Hull, UK; www2.hull.ac.uk) and Lionix BV (Enschede, NL; www.lionixbv.nl) Chemtrix Ltd was born out of a combination of expertise in micro reactor chemical research and micro reactor fabrication. In 2008, Chemtrix BV (www.chemtrix.com) was established to develop the business further and is currently located on two sites, the Headquarters being on the Chemelot site in Geleen (NL), where all management, engineering, product development, quality assurance and sales take place, and the Chemistry Department in Hull (UK). Working closely with the pharmaceutical and fine chemical industries, Chemtrix BV has developed a product portfolio that comprises of flow chemistry equipment, contract research and contract manufacturing finding application in both research and production environments.

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