



PRESS RELEASE OPENING FLOWID APPLICATION LABORATORY

“Accelerated market breakthrough for one of the most promising chemical reactor principles of the near future”

Flowid opens Application Laboratory for Micro Flow Chemistry for the chemical and pharmaceutical industry

Eindhoven, The Netherlands, 19th June 2009 – Flowid B.V., a spin-off company of the Eindhoven University of Technology, has officially opened an Application Laboratory in order to stimulate the utilization of an innovative chemical technology, called: Micro Flow Chemistry. In the Application Laboratory so called Micro Flow Reactors of several suppliers are present. The laboratory is fully functional so that the equipment is not only available for demonstration purposes but also for real chemistry by industry. This collection of equipment will accelerate the market breakthrough for one of the most promising chemical reactor principles of the near future.



Micro Flow Reactors contain small internal channel in which chemicals will mix and chemical react under optimal conditions so that more of the desired reaction product can be generated. Furthermore, chemical reactions will become much safer because only small quantities of chemicals are in contact with each other and the controllability of the reaction is enhanced. This can even result in solutions for problems that cannot be solved using conventional (batch) chemistry.

The Application Laboratory is focused on the chemical and pharmaceutical industry. And not only on research applications; also is the scale up towards pilot- or production capacities demonstrated. Because of this, the Application Laboratory is most interesting for multiple specializations within industry like: R&D and process development. This stimulation of internal cooperation will accelerate a successful implementation of the technology in an organization.



Jeffrey van den Berg, managing director of Flowid, explains: “Flowid is a process engineering company focused on the implementation of processes that are based on Micro Flow Chemistry. The amount of suppliers of such reactors is increasing, but momentarily the industry is reserved with its implementation. Therefore, Flowid approached the market on a less conventional manner. We are convinced that an open approach of the market is the key for the technology breakthrough. This is why we launched the Application Laboratory in which it is all combined: potential end-users with equipment suppliers, supported by specialists like Flowid.”

Flowid's Application Laboratory is an open laboratory, accessible for all suppliers of Micro Flow equipment and all industrial organizations that are interested in the utilization of these. By means of the Application Laboratory, Flowid offers several services like: general workshops, specific trainings and feasibility studies. This enables the suppliers to demonstrate and offer their equipment easily, while the industry is able to get known with the technology without excessive investments. The Application Laboratory stimulates the development of the market by generating added value to all players involved.

The Application Laboratory is momentarily equipped with reactors and peripheral equipment of several suppliers: Alfa Laval Reactor Technology, Bronkhorst Nederland, Future Chemistry, the Institute für Mikrotechnik Mainz (IMM), Micronit Microfluidics, KSB AG and ThalesNano represented by Beun de Ronde.

For the end of June the first industrial visits are already planned.

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MAKING THE MICROREACTOR BREAKTHROUGH HAPPEN

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