

NEWSLETTER JULY 2016

Extension of application area of FlowPlate MicroReactors

Dear Sir or Madam,

This year we have participated at the Analytica 2016 in Munich together with the HiTec Zang Company again. Overall, we can look back on a successful and exciting fair, and were gratified to note the high levels of interest expressed and the numerous conversations we conducted. In conjunction with HiTec Zang, we are able to offer a fully automated versions of our modular micro-reaction system. This automation unit enables the process to be controlled like a production process - peripherals like pumps and thermostats can be regulated, PAT sensors can be implemented and samples can be taken automatically.

Frequently changing product quantities with high quality and a fast time-to-market – these are major challenges in the pharmaceutical and fine chemical industry. Our innovative solution: FlowPlate® MicroReactors. Developed by Lonza and exclusively distributed worldwide by Ehrfeld Mikrotechnik BTS, active pharmaceutical ingredients (APIs) and fine chemicals are developed and produced significantly more competitive. The compact design can be expanded in a modular way; plates with different channel design can be replaced easily. It is possible to adjust the plate design flexibly to process demands and specific customer requirements. Now there is a new plate design available especially designed for liquid-liquid reactions. This LL-Triangle design leads to a high mixing efficiency for fluids and multiphase systems and was tested in a Toluene/Butanol-Water system. You are very welcome to ask for publications.

We were delighted by the keen interest displayed in our presentation at the ChemSpec conference in Basel on 2nd June 2016 “Continuous Flow Technology as an Attractive Approach to Move towards the Factory of Tomorrow”. We are convinced that this new technology platform of micro- and milli-reactors is currently establishing in market of process technologies.

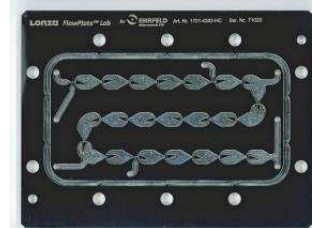
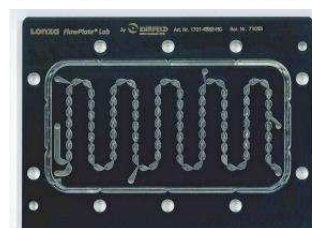
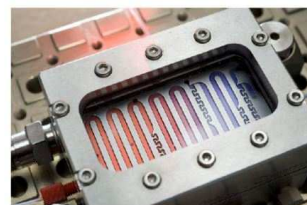


13.09. - 15.09.2016
[PROCESSNET](#)
Aachen, DE



20.09. - 23.09.2016
[ILMAC 2016](#)
Basel, CH

04. - 06.10.2016
[CPHI](#)
Barcelona, ES





You missed this presentation? Please feel free to contact us, and we'll repeat it for you in person on your premises or ours.

If you have any questions, we will be pleased to answer them by phone, email or in a personal meeting. Visit us under www.ehrfeld.com to obtain an initial impression of our technology.

Or meet us at the following events:

13 - 15 September 2016

[ProcessNet Jahrestagung 2016](#)

Aachen, DE

20 - 23 September 2016

[Ilmac 2016](#)

Basel, CH

04 - 06 October 2016

[CPHI 2016](#)

Barcelona, ES

**Best regards,
Ehrfeld Mikrotechnik BTS GmbH**

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