

## NEWSLETTER APRIL 2016

### NEW Micro-Falling-Film Reactor available

Dear Sir or Madam,

We are pleased to inform you that our sales team at Ehrfeld Mikrotechnik BTS was upsized at the beginning of 2016. Dr. Andrea Henseler's taking over, as of 1 February 2016, includes inter alia the sales territories of Italy, Spain and France. At this year's SCI/RSC Continuous Flow Technology III in Cambridge (UK), we were already able to meet some of you personally in numerous technical discussions. The keen interest in the subject of continuous technology shows that the market is becoming progressively more attractive. We, as pioneers of microreaction technology, have taken this trend on board by participating in additional trade fairs and conferences. You will find the additional dates involved for 2016 at the end of our newsletter.

At our facility in Wendelsheim, we are able to individually discuss specific questions and requirements, and to test them on the spot with our specialists in the laboratory. Here we can address your own particular problems and process requirements, and you can get to know us and our innovative technology even better. In a shared workshop, we join forces with you to plan the path to your future continuous process. Using a feasibility study in the laboratory, we develop together with you the optimum set-up for the process concerned. Thus we implement a system that creates substantial advantages for you from laboratory to production scale.



One of our newly developed modules is our micro-falling-film reactor for performing gas-liquid reactions, where the liquid is passed as a thin film over the specially structured reaction plate with a counter current gas flow. This reactor has been design-enhanced with an inspection window, for direct visual monitoring of the process.

With a thermal stability of up to 230 °C and a pressure withstand capability of up to 10 bar, the micro-falling-film reactor is another perfect R&D tool in the laboratory. The reactor can be tilted in steps of 15 degrees as far as 60 % against the vertical, enabling the film thickness and the residence time to be adjusted with the requisite precision. In order to assure optimum reproducibility of the processes involved, the reactor can be accurately aligned in the horizontal using the built-in spirit level and adjustable feet. The temperature is



02.05. - 04.05.2016  
DECHEMA  
Würzburg, DE



10. - 13.05.2016  
ANALYTICA  
München, DE

01. - 02.06.2016  
CHEMSPEC EUROPE  
Basel, CH



controlled from both sides. Like all our modules, the reactor is available in Hastelloy and stainless steel.

If you have any questions, we will be pleased to answer them on the telephone, by email or in a personal meeting. Visit us under [www.ehrfeld.com](http://www.ehrfeld.com) to obtain an initial impression of our technology.

Or meet us in person at the following events:

**02 May - 04 May 2016**

Dechema JT Reaktionstechnik 2016  
Würzburg, DE

Lecture: 03 May 2016 14:00

„Modulare, prozessintensivierende Apparatetechnologie für den Wärme- und Stofftransport“

Laura Sengen, Ehrfeld Mikrotechnik BTS GmbH,  
Wendelsheim/Germany

**10 - 13 May 2016**

[Analytica](#)

München, DE

Internationale Leitmesse fuer Labortechnik, Analytik, Biotechnologie und analytica conference

You can find us in hall B2, booth No. 404A at HitecZang.

**01 - 02 June 2016**

[ChemSpec Europa](#)

Basel, CH

Lecture: 02 June 2016 12:30

„Continuous Flow Technology as an Attractive Approach to Move Towards the` Factory of Tomorrow“

Anne Kaaden, Ehrfeld Mikrotechnik BTS GmbH,  
Wendelsheim/Germany

Best regards,

**Ehrfeld Mikrotechnik BTS GmbH**

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