

Establishing Micro- and Millireactors worldwide

The newest Miprowa production reactor awaits its journey to China

We just went to inspect the latest Miprowa production reactor for China yesterday. It lay fully assembled in front of us, 7.50 meters long and with a diameter of DN 550. It will run in China with a throughput of up to 20.000 to/y. This is ensured by the 308 rectangular channels that work in parallel. Particularly in the case of fast, highly exothermic reactions with explosive or toxic substances, these properties of the continuous flow reactors are advantageously noticeable. Because of the high security risk, these processes cannot be handled in batch reactors or are often difficult to handle. Economic benefits resulting from this technology are in particular:

- high yield
 - lower proportion of by-products
 - improved product quality
 - sustainable plant safety
 - lower energy consumption and lower carbon footprint
- Please, do not hesitate to contact us in case of further questions!



Self-optimizing MMRS flow chemistry set-up

What do we expect when we talk about the laboratory of the future? How about a fully automated and self-optimizing continuously running microreaction system? This is now easily possible! In cooperation with the company Hitec Zang we can offer a flow chemistry system coupled with self-optimizing algorithms. This advanced IT landscape includes a modular laboratory software that guarantees a high degree of flexibility and reliability.



Christmas time and end of the year

We wish you, your colleagues and your loved ones a very happy Holiday Season and a successful New Year.

Warmest wishes from the Ehrfeld-Team!



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 in person at the next event:

ACHEMA, 10. – 14. Juni 2024, Frankfurt



In case of further questions, please do not hesitate to contact us:

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Kind regards,
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