

Your Partner in Flow Chemistry

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!



Engineering Excellence: Another Production-Scale Flow Reactor Sold to China

Integrated Scale-Up:



A world-scale Miprowa Production reactor with a production capacity of several thousand tons has just been sold to China. It will be delivered in 2025. The successful sale is the result of our integrated and established scale-up concept for our reactors. A key element of this strategy is the creation of clear, easy-to-understand service packages individually tailored to our customers' needs.

Laboratory Scale: Miprowa® Lab



The journey started with a free preliminary talk on the key benefits of flow chemistry and how it can be applied to our customer's existing and future processes. Once a promising case was identified and a suitable reactor for the Laboratory scale was selected in a workshop. With the individual support of the Ehrfeld team, the subsequent basic experimental feasibility study in the Miprowa® Lab reactor provided a safety analysis, a process automation strategy as well as conversion and yield data. Based on these data and preliminary scale-up calculations, a parameter window for a cost-effective process was determined. Finally, this process window was experimentally investigated in the Pilot Scale Miprowa® Matrix reactor. The study resulted in a proof-of-process and paved the way for the final scale-up step to production level in the Miprowa® Production reactor.

Pilot Scale: Miprowa® Matrix

Through these sequential services - preliminary talk, workshop, basic



feasibility study and proof-of-process study - and our integrated reactor scale-up concept, the rapid development of a robust process tailored to the demands of our customers leads to the successful dimensioning and production of a Miprowa® Production reactor.

More detailed news will follow in 2025.

Production-Scale:
Miprowa® Production

Meet our international Distributors!

Our headquarter is in Wendelsheim Germany, therefore local support all around the globe is a demanding task. In order to tackle this challenge, we have exclusive cooperations with BüchiGlas in USA and India, Chemisky in Korea, DKSH in Japan as well as Shanghai Proxs Chemical Technology in China. Reach out to your local sales partner and find out how Flow Chemistry can benefit your business!

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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.

Kind regards,
Hendrik Held

