

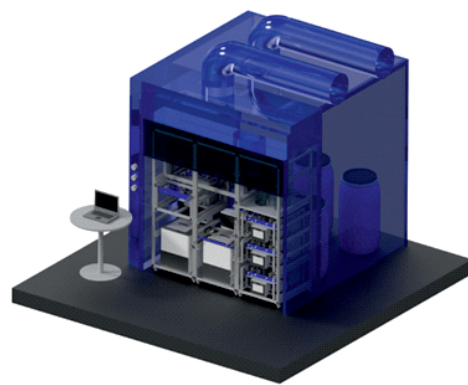
BOOST YOUR PROCESSING CAPABILITIES WITH FLOWKILOLAB®

A FLEXIBLE SMALL-SCALE FLOW MANUFACTURING SOLUTION WITH A FAST TIME-TO-PRODUCTION



FlowKiloLab® System

FlowKiloLab® offers **GMP-compliant, flexible** small-scale flow manufacturing, **reducing infrastructure costs** and **boosting lab or pilot production capabilities**. FlowKiloLab® enables **safe processing of hazardous chemistries** like nitrations and hydrogenations, with easy technology switching for high performance.



FlowKiloLab® Manufacturing Solution

Modular plants **accelerate time-to-production** by using the same infrastructure for development and manufacturing. Production capacities adjust quickly, enabling faster product launches without long construction times. The use of scalable equipment enables a fast **scaleup**.

FlowKiloLab® leverages **MTP** (Module Type Package) technology to revolutionize modular automation. Just like a USB **plug-and-play** system, MTP allows modules to offer defined services to a central control unit, enabling the composition of a plant from pre-existing modules rather than building it from scratch. By **standardizing integration** across vendors, MTP simplifies automation and enhances flexibility for multi-purpose applications. With Microinnova's innovative approach, it's now possible to: **Plug. Produce. Customize. Repeat.**

Online analytics like process analytic tools **PAT** and model predictive control **MPC** improve quality by precise parameter control. Our team will be on hand to explain how **our cutting-edge solutions** can transform chemical

Our experts are looking forward to your inquiries about our plant systems!

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