

FLEXIBLE CONTINUOUS PRODUCTION

MICROINNOVA SUPPLIES MODULAR MULTIPURPOSE PLANT TO EVONIK

Recently, a **continuously operated plant** with 4 functional modules was delivered to **Evonik Industries** in Germany. The plant incorporates **advances in process performance** and **modular „plug-and-play“ chemical production technology**. Key features of the system:

- **gas/liquid and liquid/liquid processing**
- **multipurpose application**
- **modular automation system**



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The plant system is designed for a small scale production handling **gas/liquid and liquid/liquid processes**. To meet customer specification the plant is mainly in Hastelloy. The particular design of the gas feed module allows an **extremely wide flow range** for a large number of different gases. A broad operation window is achieved by a **fully integrated heat/cool tracing system**.

The modular design provides **smart process flexibility** enabled by standardized and uniform exchange of functionalities for **multi-purpose processes and mobile installation** in a containerized environment. The modular plant system operates **fully automatic**. A **Plug&Play concept** is realized with proper hardware and sophisticated software programmed to act responsively to any exchange of modules. Meeting customer's full satisfaction the completed plant system was commissioned in August 2018.