

MICROINNOVA PLANT TECHNOLOGY

Microinnova offers customer defined laboratory plants, dedicated to the customer's process and application. We offer plants for liquid, solid (suspension) and gas phase applications, always focused on an intensified phase contact by using microreactors. Lab scale plants can be dedicated for one process or for multi purpose use realized by a modular concept.

Microinnova offers an overall service, starting with feasibility studies and ending up with the start up of the plant at the client's site. Usually the plant design is the result of a preceding basic feasibility study carried out in the laboratories at the Microinnova Engineering GmbH. In the first place such a study clears up if the chemical and/or physical problem is convertible to a continuous microreactor plant and which are the best suited components. Usual demands to a microreactor plant are flexibility, expandability, scalability, automation, special chemical resistance or cGMP compliance. The resulting labplant design can be adapted to fit to existing laboratory facilities of the customer.

In the start up phase the know how of operating with microreactor plants will be transferred to our client in training sessions. If the client wants to bring his developed and optimized process in production we can assist him with our engineering team.