

## TECHNOBIS CRYSTALLIZATION SYSTEMS

Technobis Crystallization Systems provides crystallization research systems to its clients in the pharmaceutical and chemical industry all over the world. The systems allow our clients to improve their internal R&D capabilities. The systems are developed by specialists, based on their experiences in R&D. Currently the company offers three high-end crystallization research systems. Several new product ideas are under construction to extend our product portfolio for the coming years.

### Crystal16®

A parallel crystallization system for solubility and crystallization research. The Crystal16® allows to perform 16 crystallization experiments at the same time. This bench top 16 reactor crystallizer operates at less than 1-mL. After more than 10 years of success in more than 200 companies, it is, by far, the world's most used equipment for solubility curves measurement and phase diagrams.

### Crystalline®

we launched the Crystalline® system in 2009. The Crystalline® is a unique modular product line, based on a small volume parallel crystallizer with overhead stirring and refluxing capabilities. The system provides process chemistry and solid state group's access to particle visualization and size information at a much earlier stage of development with limited material requirements.

### CrystalBreeder™

Launched in 2013 the CrystalBreeder™ is the first crystallizer dedicated for both drug development and discovery/hit identification carrying out rapid complete crystallization screens with as little as 1 mg of sample. The CrystalBreeder™ gives you real time turbidity information for 32 parallel temperature controlled experiments.

## SITUATION

In view of our strategy of continues focus on technology development, Technobis Crystallization Systems further grows its Technology Development Team. Therefore we are looking for an enthusiastic and experienced

## Technology Development Engineer

## FUNCTION & RESPONSIBILITIES

The responsibilities:

- Developing Technology solutions for our next generation Crystallization systems.
- Developing improvements and customizations on our existing product fleet.
- Requirement capturing at all levels, internal as well with external parties
- As a Technology Development Engineer you are working closely together with the Engineering Department.
- Independently or in a team you are involved with projects from study up to customer implementation.
- Executing Feasibility studies and execute tests
- Analyze and assess technology solutions, based on economic and technical feasibility considerations
- you consult at regularly at run time with colleagues, customers, and any external partners.
- Assisting the customer service team where required on site and on support calls.

## REQUIREMENTS

The ideal candidate wants to be part of an ambitious, driven team and take position in an international, high-tech organisation where individual and organisational development is the most important!

We also prefer:

- You have a technical education completed at least college level, for example mechanical engineering, Mechatronics or precision instruments or similar
- At least 5 years of experience in a technical project-based work environment
- You have experience in designing with 3D design package Solidworks
- Experience with high tech laboratory or research technology
- Communicates fluently in English
- Knows how to communicate with external and internal engineering teams.
- Working independently, until the end goal is reached
- Excellent team-player attitude in product development environment, with strong motivation, drive and communication capabilities
- Has strong planning and problem solving skills with flexible attitude and is able to operate efficiently in a dynamic and international environment
- Excellent fit with Technobis culture, what means entrepreneurial, dynamic, highly motivated individual with can-do mentality

- Hands-on mentality
- Knowledge of working in a ESD safe environment.
- Work with quality systems (ISO 9001)

## ADDITIONAL INFORMATION

Location: Alkmaar, The Netherlands

Position: Full-time, 40 hours per week.

Vacation: 25 days, 13 ATV

## FOR MORE INFORMATION

**For further information** Do you need additional information? Look at our website at [www.crystallizationsystems.com](http://www.crystallizationsystems.com) or you can contact Stephan van Banning (General Manager) at [stephan.vanBanning@technobis.com](mailto:stephan.vanBanning@technobis.com) or at +31 (0)6 3434 7095.

**Do you fit our profile and want to apply?** Send your application and CV (both in English) to: [stephan.vanbanning@technobis.com](mailto:stephan.vanbanning@technobis.com)