

# Life Science Solutions

Smart cell cultivation



Reproducibility.  
Sterility.  
Efficiency.

Cell cultures are often the foundation for biotechnological and clinical research. With the expansion of our product portfolio to include two pioneering technologies in the field of cell cultivation, we are paving new paths within Life Science Solutions: from contamination-free and sterile cell cultivation as a modular concept, to absolute reproducibility in the culture of spheroids, to the combination of both systems to create a unique solution in the field of 3D cell cultivation.

# S-biosystems

## Incubation system

- **Reproducible work:**  
Sterile, contamination- and disturbance-free incubation due to separate boxes with individually adjustable parameters (temperature, CO<sub>2</sub> concentration, ...)
- **Flexible and transportable:**  
Modular, compact system, holds parameters autonomously for up to two hours
- **Everything at a glance:**  
Control, monitoring and data logging possible via network integration



Scan the QR code for further information!

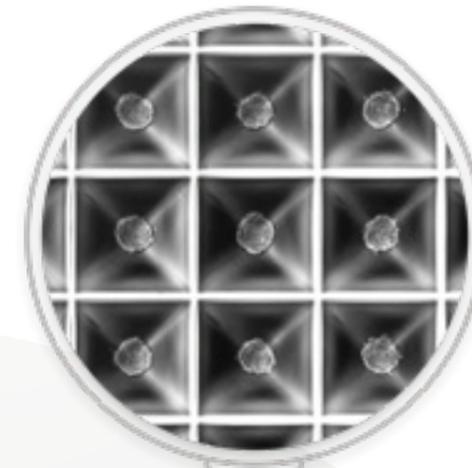


The S-biosystem incubation system concept is based on each sample having its own separate and sterile area with individual parameters and this is achieved with minimum space requirement. This avoids cross-contamination and mix-up, and the incubator is opened exclusively for the cell culture you are about to work with. This ensures that your cells are cultured undisturbed under consistent conditions.

# Kugelmeiers

## 3D cell culture plate – Sphericalplate 5D (SP5D)

- **Consistent starting conditions for 3D cell culture methods:**  
Up to 9,000 uniform, standardized, size controlled spheroids in one small platform
- **Ready to start:**  
No pretreatment of the plate and no centrifugation after cell seeding necessary thanks to specially designed, patented geometry and coating
- **No limitations:**  
Applicable to a wide range of cell lines, also suitable for co-culture systems



Part number: 549-16000-00-0



Scan the QR code for further information!

The Sphericalplate 5D (SP5D) is a 3D cell culture plate for the formation of uniform, standardized, and size controlled spheroids in high quality and yield. It also allows you to effortlessly scale up and further translate into diagnostic or clinical applications. Simultaneously, it increases the reproducibility of subsequent tests, as you always start your experiments with identical initial conditions due to the low size variance of the cultured cell spheroids.



Innovative  
Partners

# The unified solution for your laboratory



S-BIOSYSTEMS

S-biosystems was founded based on the motivation to support the change in the fields of life science and health care with innovative products – away from chemical-based medicine towards cell therapy. To enable the laboratory of the future already today, S-biosystems combines competencies from various key technologies and develops products that incorporate this combination of biotechnology and information technology approaches.

KUGELMEIERS®

▶ ENABLING UNLIMITED CELL THERAPIES



Founded in 2015 as a spin-off from the University of Zurich in Switzerland, Kugelmeiers Ltd. focusses on the translation of novel insights of biological realities of cells into products that are optimally suited for 3D cell culture and cell transplantation. In order to drive the development of promising future cell therapies, the company cooperates with leading scientists, institutes, laboratories and industry partners worldwide.



Heidolph is a leading manufacturer of laboratory equipment for separating, mixing and pumping for research and development laboratories in the chemical, pharmaceutical, life science and cosmetics industries worldwide. For over 80 years, the team at the Germany-based company has been driven by a passion for excellent service and the development of reliable and intelligent system solutions.

**You have questions about Heidolph, our partners or products? We are happy to help you!**

Heidolph Instruments GmbH & Co. KG  
Walpersdorfer Str. 12  
91126 Schwabach, Germany

+49 9122 9920-160

sales@heidolph.de  
[www.heidolph.com](http://www.heidolph.com)