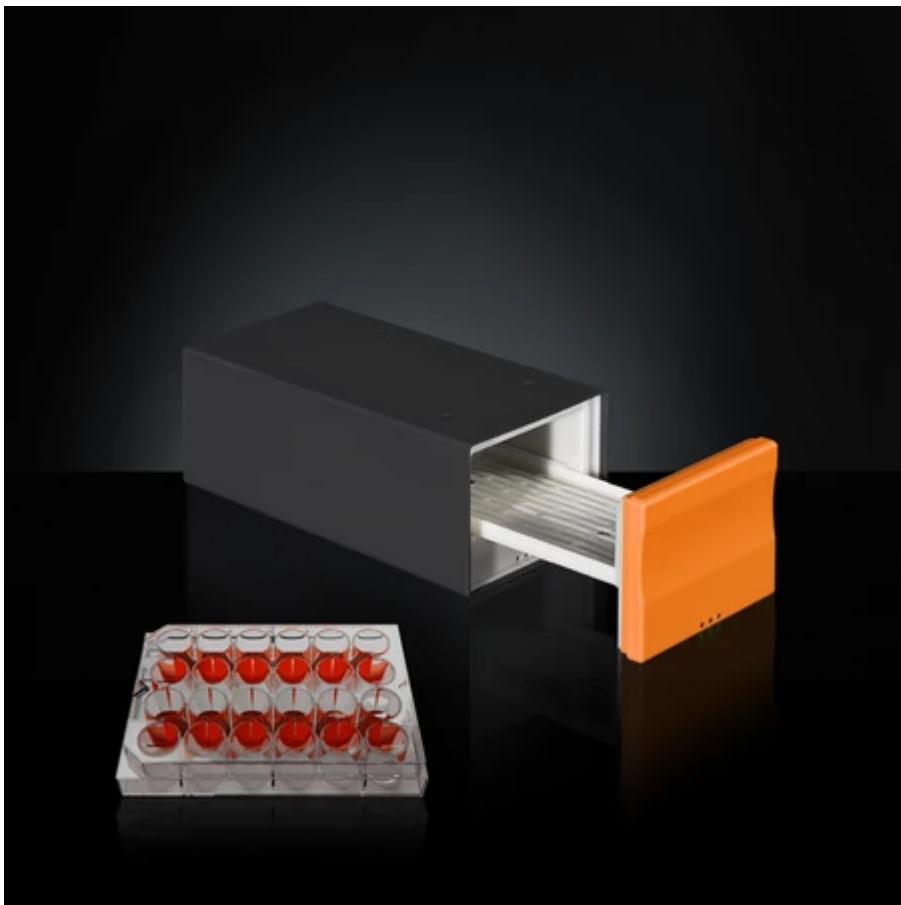


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# Smart cell cultivation



## Life Science Solutions

### Smart cell cultivation

The next generation of cell cultivation: Increased reproducibility and efficiency thanks to the most innovative technologies in the field of incubation and culture plates.

#### **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

### **Kugelmeiers cell culture plates – 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

# 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:**

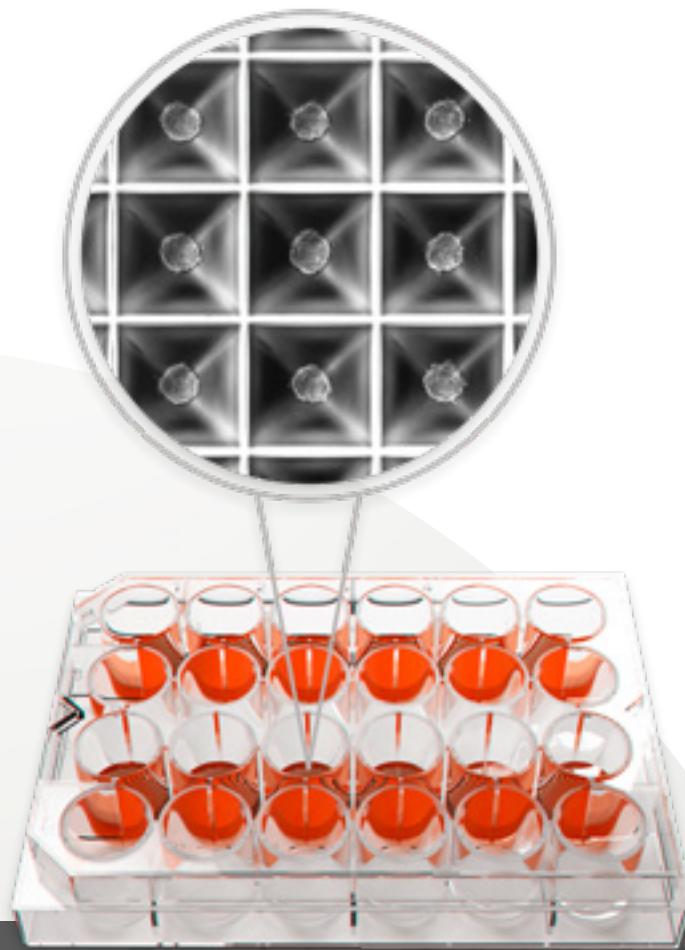
Control, monitoring and data logging possible via network integration



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

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.

# Starter Kit

## S-biosystems Packages



# Starter Kit

P/N: 400-02000-00

Complete system for operation with its own computer or as an add-on to a Starter Kit Plus package. With all the necessary consumables.

Included in the package:

- 1 x S-Rack docking station incl. S-walls side walls, S-base stand and S-mount wall mount
- 4 x S-Box mini-incubator

- 4 x inner box with inlay
- 4 x tool kit
- 4 x water bag
- 4 x front cover (4 x orange)
- 1 x power supply
- 1 x gas connection
- 1 x LAN cable
- 1 x WLAN client incl. power adapter
- 1 x USB stick with S-Ware
- 1 x operating instructions

# Starter Kit Plus

## S-biosystems Packages



## Starter Kit Plus

P/N: 400-02001-00

Complete stand-alone system with all the necessary consumables.  
Included in the package:

- 1 x S-Rack docking station incl. S-walls side walls, S-base stand and S-mount wall mount
- 1 x MacBook Air incl. S-console stand, USB-C adapter and LAN cable
- 4 x S-Box mini-incubator

- 4 x inner box with inlay
- 4 x tool kit
- 4 x water bag
- 4 x front cover (4 x orange)
- 1 x power supply
- 1 x gas connection
- 1 x LAN cable
- 1 x WLAN client incl. power adapter
- 1 x USB stick with S-Ware
- 1 x operating instructions

# S-box Package 1 (orange)

## S-biosystems Packages



## S-box Package 1 (orange)

P/N: 400-05001-00

In stock, for adding an already available incubation system.  
Included in the package:

- 1 x S-box
- 1 x tool kit
- 4 x inner box
- 4 x water bag

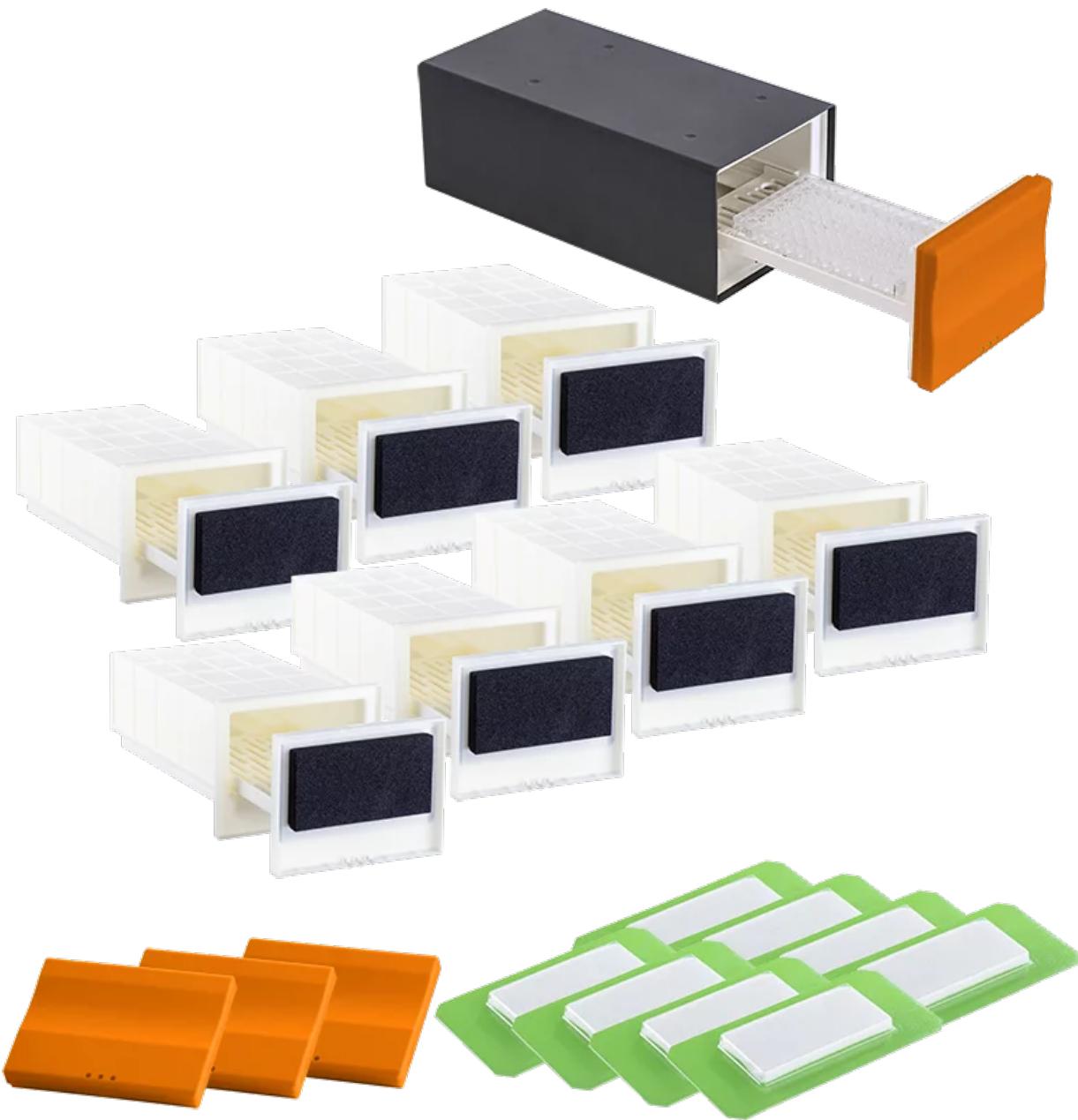
- 4 x front cover (available in the colors 4 x orange, 4 x green, 4 x blue or 4 x violet)

## **варианты**

- S-box Package 1 (orange) - Standard
- S-box Package 1 (blue) - 400-05002-00
- S-box Package 1 (green) - 400-05000-00
- S-box Package 1 (violet) - 400-05003-00

# S-box Package 2 (orange)

## S-biosystems Packages



## S-box Package 2 (orange)

P/N: 400-03001-00

In stock, for adding an already available incubation system.

Included in the package:

- 1 x S-box
- 1 x tool kit

- 8 x inner box
- 8 x water bag
- 4 x front cover (available in the colors 4 x orange, 4 x green, 4 x blue or 4 x violet)

## **варианты**

- S-box Package 2 (orange) - Standard
- S-box Package 2 (blue) - 400-03002-00
- S-box Package 2 (green) - 400-03000-00
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