



---

## Uploaded to the VFC Website

▶▶▶ 2018 ◀◀◀

---

This Document has been provided to you courtesy of Veterans-For-Change!

Feel free to pass to any veteran who might be able to use this information!

For thousands more files like this and hundreds of links to useful information, and hundreds of "Frequently Asked Questions, please go to:

[Veterans-For-Change](#)

---

*If Veterans don't help Veterans, who will?*

---

**Note:**

VFC is not liable for source information in this document, it is merely provided as a courtesy to our members & subscribers.





# Systec showcases comprehensive laboratory product range at Biotechnica/Labvolution 2017

May 5, 2017

**Once again, Systec GmbH, the leading manufacturer of autoclaves, including laboratory autoclaves, media preparators, and plate pourers for liquid media and microbiological culture media, will be presenting the highlights of its comprehensive product range at this year's Biotechnica/Labvolution.**

**The Systec exhibition stand will be located in hall 20 booth C23.**

## **Advantages and special features of Systec autoclaves**

Systec autoclaves can be used in all laboratory applications, including challenging sterilization processes: Sterilizing liquids (such as culture media, nutrient media), solid bodies (such as instruments, pipettes, glassware), waste (sterilization of liquid waste in bottles or solid waste in waste bags before destruction), and biologically hazardous materials in safety laboratories. All Systec autoclaves can be expanded with options and equipment on a modular basis, in order to optimize your sterilization process and implement validated sterilization processes. Companies can select only the options they need to optimize their specific sterilization procedure. Systec autoclaves can be equipped with a vacuum system, for instance, that entirely removes air from products during the sterilization of solid bodies and waste. This makes it possible to introduce steam into the product to sterilize it in a manner that can be validated. The integrated Superdry drying system guarantees complete drying for solid bodies after sterilization. Systec has developed its Ultracooler as a new kind of cooling system for sterilizing liquids in bottles. The system reduces the cool-down time by up to 90% when compared to self-cooling.

## **Systec H-Series - Large horizontal autoclaves**

The **Systec H-Series** laboratory autoclaves are sure to attract special attention. These are large horizontal autoclaves designed as front-loading, standing autoclaves. The standing autoclaves, available in 16 sizes with a

chamber volume ranging from 65 - 1580 liters, are compact and lightweight despite their high loading capacity.

### **Systec H-Series 2D - Pass-through autoclaves**

The same is true for the pass-through autoclaves in the **Systec H-Series 2D**, which consists of 13 models with chamber volumes ranging from 90 - 1580 liters. These autoclaves are specially constructed to be installed in separating walls in a gas-tight manner, and are equipped with two doors. Their design also shows the same functional yet modern stylistic idiom common to all Systec autoclaves.

### **Systec V-Series vertical autoclaves / Systec D-Series tabletop autoclaves**

Additionally, Systec will be showing models in its compact **Systec V-Series**, consisting of top-loading vertical autoclaves (40 - 150 liter standing autoclaves), which stand out for their low space requirements and tall usable height, as well as products from the **Systec D-Series**, front-loading horizontal autoclaves (23 - 200 liter tabletop autoclaves), which offer an optimal loading capacity for most standard - medium bottles and Erlenmeyer flasks.

### **Systec Mediaprep - Manufacturing / sterilizing microbiological media**

Additionally, visitors can learn about the **Systec Mediaprep** media preparators (7 sizes, 10 - 120 liters) for quickly and easily manufacturing and sterilizing microbiological media.

### **Systec Mediafill - Automated filling and stacking of culture media in petri dishes and tubes**

Another key focus of the company's Biotechnica/Labvolution exhibition is the **Systec Mediafill** plate pourer and tube filler for automatically filling media in petri dishes and tubes. The device, which includes 3 stacking carousels for up to 660 petri dishes, offers simple and intuitive operation via a 5.7" touch display. The integrated database of pre-programmed petri dish dimensions allows the user to select a petri dish with the push of a button. Filling and stacking is also automated, requiring no intervention by the user. Integrated peristaltic pumps ensure media is dispensed precisely and allow for the

addition of additives. With a series of available options, the Systec Mediafill system can be configured optimally for a wide range of applications.

---

**Source:**

[http://www.systec-lab.com/biotechnica\\_labvolution\\_2017/](http://www.systec-lab.com/biotechnica_labvolution_2017/)

---



# Systemec GmbH



## Address

Konrad-Adenauer-Straße 15  
35440 Linden  
Deutschland  
Germany

**Phone:** +49 (0) 6403/67070

**Email:** info@systemec-lab.de



Visit Website 

Download PDF Copy 

Systemec GmbH is a manufacturer of autoclaves (steam sterilizers), especially laboratory autoclaves, media preparators and dispensing devices for liquid media and microbiological culture media.

Systemec develops and manufactures, certified according to ISO 9001 and ISO 14001, a wide range of products for the modern laboratory, science and research as well as biotechnology, pharmacy, quality control and production.

Systemec autoclaves are successfully used in **research as laboratory autoclaves** as well as in production as industrial autoclaves (e.g. as **production autoclave** in the pharmaceutical industry or the **food industry**) for more than 20 years.