

## SYSTEC VE-SERIES

### VERTICAL FLOOR-STANDING AUTOCLAVES

from 40 to 150 liters

## SYSTEC DE-SERIES

### HORIZONTAL BENCH-TOP AUTOCLAVES

from 45 to 200 liters



Safe, precise, reproducible  
and validatable sterilization of:



EN 61010

Safety standard

DIN 58950

Steam sterilizers for  
pharmaceutical  
sterilized goods

MADE IN  
GERMANY

## STANDARD FEATURES

- Internal heating elements within the autoclave chamber
- Housing, support frame and pressure vessel made of corrosion-resistant stainless steel
- Temperature and pressure range 140 °C, 4 bar absolute pressure
- LCD display and fully automatic microprocessor control
- Number of sterilization programs: 12 (optional: 25)
- Code-secured access rights for changing parameters and further safety-relevant intervention
- Internal memory for storing up to 500 sterilization cycles
- Timer for starting programs
- Autofill: automatic demineralized water feed for steam generation
- Flexible PT-100 temperature sensor
- Temperature holding function for liquids after program finish
- Special program for Durham tubes
- Calculation of FO value
- Special program for waste sterilization with pulsed heat-up for more efficient air exhaust
- Water-cooled steam exhaust, thermostatically controlled
- Programmable automatic door-opening on completion of program
- RS-232 interface for external data transmission (network-compatible)



Stainless steel



140 °C Sterilization temperature\*



4 bar pressure\*

\* optionally expandable to 150 °C, 5 bar absolute pressure (from 65 liters chamber volume)

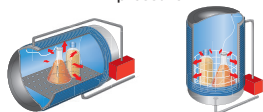
## OPTIONS FOR OPTIMIZED PROCESSES



Sterilization of liquids

### COOLING

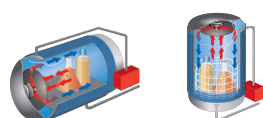
Mantle cooling in conjunction with support pressure



Recooling time reduced by up to 60%



Radial ventilator



Recooling time reduced by up to 70%



Ultracooler



Recooling time reduced by up to 90%



Sterilization of solids (pipettes, tubes, etc.)

### VENTING / DRYING SOLIDS

THE SYSTEC DX-SERIES/SYSTEC VX-SERIES ARE RECOMMENDED FOR THESE APPLICATIONS

Vacuum system

complete removal of air from solids, tubes, porous materials



Superdry

increases the efficiency of drying of solids



Decontamination of waste from bags

Vacuum system

complete removal of air from waste bags



Decontamination of hazardous substances

### EXHAUST AIR FILTRATION

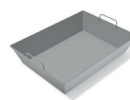
Condensate inactivation



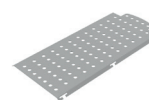
for the sterilization of biohazardous substances

Many more options & programs available

## ACCESSORIES FOR SYSTEC DE-SERIES



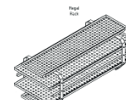
Stainless steel tub



Base plate



Basket



Rack system

## OPTIONS FOR DOCUMENTATION



Integrated printer for batch documentation



Systec ADS documentation software package for comprehensive documentation



Documentation SD: data storage on SD card for up to 10,000 sterilization cycles and transmission of data to a PC

## ACCESSORIES FOR SYSTEC VE-SERIES



Stainless steel bucket



Basket



Lifting device