

NEW Now up to
550 Liters
Chamber volume!



The Power of Innovation.
For better Sterilization.

Horizontal front loading bench-top autoclaves:
Systec H-Series.

Pass-through autoclaves: Systec H-Series 2D.



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Standard technical Features

X = Standard
O = Optional

Horizontal front loading bench-top autoclaves Systec H-Series	
From the sterilization chamber separated steam generator integrated into the housing	x
Extension of temperature and pressure to 150 °C / 5bar	0
Number of sterilization programs (up to ...)	100
Touchscreen operation	x
Password secured access rights for parameterization and for further security relevant interventions	x
Connection to external steam supply	x
Pre-programmable automatic door opening at the end of a program	x
Additional PT-100 temperature sensor in the condense exhaust	x
Rapid cooling	0
Pre- and post-vacuum	0
Air exhaust filtration	0
Drying 'Superdry' (only in conjunction with an optional vacuum system)	0
RS 232 and RS 485 for external data transfer (network-compatible)	x
PC-Software for extensive documentation (network-compatible)	0
Internal memory for documentation of up to 500 sterilization cycles	x
Integrated SD-Card-Slot inclusive SD-Card (1024 MB) for data backup of up to 10.000 sterilization cycles and for transmission of process data to a PC via SD-Card reader	0
Start by clock, Timer for programmable start time	x
Steam exhaust condensation, water cooled, thermostatic controlled	x
"Autofill" - Automatic de-mineralized water feed for steam generation	x
Special program for waste sterilization with pulsed heat-up for more efficient air exhaust	x
Temperature holding function after the end of program for liquids	x
Validation port	x
Special program for Durham-Tubes	x
Housing and basic frame construction out of corrosion resistant stainless steel	x
Prepared for subsequent rapid cooling installation	x
Prepared for subsequent installation of vacuum system	x
Prepared for subsequent drying installation	x
Calculation of FO value	x

	Horizontal autoclaves, 1 door				Pass-through autoclaves, 2 doors		
	Systec HX-210	Systec HX-320	Systec HX-430	Systec HX-540	Systec HX-320 2D	Systec HX-430 2D	Systec HX-540 2D
Chamber dimensions							
Ø x depth in mm	740 x 500	740 x 750	740 x 1000	740 x 1250	740 x 750	740 x 1000	740 x 1250
Chamber volume							
in liters total/nominal	280/210	385/320	495/430	602/540	370/320	480/430	590/540
External dimensions in mm							
B	930	930	930	930	930	930	930
H	1780	1780	1780	1780	1780	1780	1780
T	1035	1285	1535	1785	1210	1460	1710

All Typs: Heating Power 18 kW, Electrical connections: 380 – 400 V, 50/60 Hz, 3-phase to neutral, 32 A

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