

Настольные автоклавы с фронтальной загрузкой и предварительным вакуумированием, сушкой серии АНС-В

Технические характеристики

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AHS-B Series

FRONT-LOADING BENCHTOP AUTOCLAVES WITH PREVACUUMS AND DRYING

CLASSIC LINE

Excellent performance, compact design, advanced features and versatile for multiple applications.


APPLICATIONS


-  Culture media and liquids
-  Plastics and metal objects
-  Glassware
-  Laboratory waste bags
-  Porous solids and wrapped objects
-  Objects with complex geometries





AHS-50-B


BENEFITS


 Immediate production of high-quality saturated steam thanks to the built-in steam generator.

 Suitable for sterilizing wrapped objects, porous objects, textiles, objects with complex geometries and bulky loads.

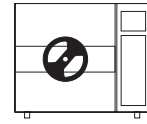
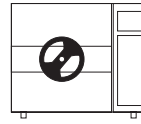
 Equipped with a heating jacket and vacuum pump to achieve complete drying of solid loads upon completion of a sterilization cycle.

 5" touchscreen display with 50 programs and advanced functions.

 Mechanical purge via multiple prevacuum pulses to ensure good steam penetration into complex geometries and porous and bulky objects.

 Compact design, benchtop format and front-loading access. Many options and accessories available.

SPECIFICATIONS



References	AH-21-B	AHS-50-B	AHS-75-B
Total/usable volume of the chamber L	22/21	55/50	79/75
Usable dimensions of the chamber Ø max. x D mm	210 x 430	360 x 400	360 x 600
Volume of the built-in clean water tank L	6	10	10
Volume of the built-in waste water tank L	2,6	6	6
External dimensions L x D x H mm	560 x 660 x 425	805 x 805 x 650	805 x 1005 x 650
Maximum number of trays	5	5	5
Tray size L x D mm	190 x 350	315 x 330	315 x 530
Net weight Kg	65	114	132
Power W	2000	3600	3600
Standard voltage* V	230	230	230
Frequency Hz	50/60	50/60	50/60

*Other voltages and electrical configurations available on request.

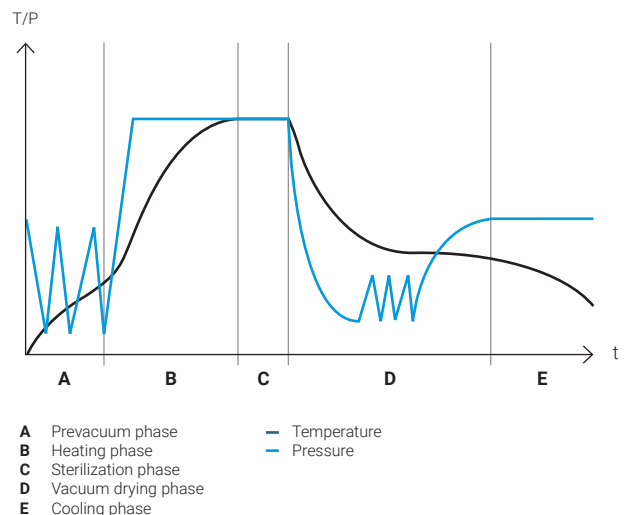
DESCRIPTION

- Heating by a powerful built-in steam generator.
- Equipped with a heating jacket and a vacuum pump to provide initial prevacuum pulses and final vacuum drying, ensuring complete dryness of solid loads.
- AISI-316L stainless steel sterilization chamber.
- Maximum temperature and pressure: 134°C and 2,1Barg.
- 5" TFT-LCD colour touchscreen displays sterilization parameters, alerts and errors.
- Equipped with 50 customizable programs adjustable by time, temperature, number of prevacuums, drying time and type of load (solids or liquids). Flexible probe control is optional. Includes Bowie-Dick and vacuum test cycles.
- Automatic start-up and sterilization chamber preheating programmable by date and time.
- Automatic water supply from the built-in purified water tank to the sterilization chamber. The discharge from each cycle pours directly into the built-in waste water tank. Water level sensors are included in all locations. Upgrade to automatic water feed from water network or the adaptation for a direct discharge into the drain are optional.
- Air inlet fitted with a bacteriological filter.
- User administration control.
- Flexible probe, embedded ticket printer, control software, automatic water filling and water purifier are optional.

OPERATION ON SOLID LOADS

In the prevacuum phase, the air in the chamber is mechanically purged by means of multiple vacuum pulses. Simultaneously, the steam generator is activated to inject steam into the sterilization chamber. When the sterilization temperature is reached, the sterilization phase begins and the temperature is accurately sustained for the predefined duration.

Then, only in solids programs, a vacuum drying phase begins using a vacuum pump and a heating jacket to dry the load completely. Finally, a natural cooling phase starts.



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