



ASSOCIATED ENVIRONMENTAL SYSTEMS

Helping our customers make their products the best that they can be.
Stronger • Faster • Safer
Longer-Lasting

SD-SERIES

We get you there faster.



DESCRIPTION

SD Series benchtop chamber with four temperature range options features precise temperature control in five workspace sizes while maintaining space-saving designs. All SD Series chambers have space-saving design offering two-high stackability which gives you twice the independent test space in virtually the same footprint.

STANDARD FEATURES

- Interior: All stainless steel type 304
- Exterior: Heavy gauge cold rolled steel with powder coat finish
- 3" access port and plug
- 8" x 8" multi-pane viewing window
- Internal light with external switch
- Watlow F4T programmable controller with AES|XCHANGE
- Adjustable digital high temperature safety
- Heater for Window (SD-300s Only)



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OPTIONS

- Custom Port Sizes
- LN₂/CO₂ Boost Cooling
- Adjustable Shelving
- Programmable Chart Recorder
- Adjustable High/Low Temperature Safety
- Floor Stand with Casters
- Retro Legacy F4 Controller



For the latest in remote operation and data management, AES|XCHANGE enables you to operate and program the controller at the chamber, your desktop, and remotely via laptop or tablet. A visual graph allows you to view live & historical test data. A drag-&-drop profile builder allows you to create, edit, save, and move between profiles. Onboard multi-year data logging collect and manage live & Historical data while chamber is operating. JSON API makes for easy communication. And access control allows for secure multi-user interaction.

For details and product specifications go to <https://www.associatedenvironmentalsystems.com/xchange>

SD-300's Temperature -65°C to +180°C (-85°F to +356°F)

Model	Overall Dimensions (in)	Inside Dimensions (in)	Working Volume
SD-302	47.5W x 31D x 25.5H	15W x 16D x 15H	2.083 cu. ft.
SD-303	50W x 35D x 27H	20W x 18D x 16H	3.333 cu. ft.
SD-305	50W x 35D x 31H	20W x 22D x 20H	5.092 cu. ft.
SD-308	53.5W x 37D x 35H	24W x 24D x 24H	8 cu. ft.

SD-500's Temperature -37°C to +180°C (-35°F to +356°F)

Model	Overall Dimensions (in)	Inside Dimensions (in)	Working Volume
SD-502	47.5W x 31D x 25.5H	15W x 16D x 15H	2.083 cu. ft.
SD-503	50W x 35D x 27H	20W x 18D x 16H	3.333 cu. ft.
SD-505	50W x 35D x 31H	20W x 22D x 20H	5.092 cu. ft.
SD-508	53.5W x 37D x 35H	24W x 24D x 24H	8 cu. ft.

SD-400's Temperature -17°C to +180°C (1.4°F to +356°F)

Model	Overall Dimensions (in)	Inside Dimensions (in)	Working Volume
SD-402	47.5W x 31D x 25.5H	15W x 16D x 15H	2.083 cu. ft.
SD-403	50W x 35D x 27H	20W x 18D x 16H	3.333 cu. ft.
SD-405	50W x 35D x 31H	20W x 22D x 20H	5.092 cu. ft.
SD-408	53.5W x 37D x 35H	24W x 24D x 24H	8 cu. ft.

Power requirements vary by model



Stack two high, for double the independent workspace testing in virtually the same footprint.



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