ASSOCIATED ENVIRONMENTAL SYSTEMS

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

SM-SERIES

SM-2105D

DESCRIPTION

SM Series thermal shock chambers are designed with a pneumatic elevator to instantly transfer the product between two temperature zones. SM chambers are designed to meet several thermal shock test standards and can be customized to meet your specific needs.

STANDARD FEATURES

- Interior: All stainless steel type 304
- Exterior: Heavy gauge cold rolled steel with powder coat finish
- 2” traveling port
- Watlow F4T programmable controller with AES|XCHANGE
- Adjustable high-low temperature safety
- MIL-STD-883K & MIL-STD-202H Standards

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SM-SERIES SPECIFICATIONS

OPTIONS

- Customizable temperatures and calibration
- Ambient Exposed Middle
- Heated Window
- Additional Basket
- LN2 or CO2 Booster
- Retro Legacy F4 Controller
- Programmable Chart Recorder

AES XCHANGE INCLUDED

OPERATION & DATA MANAGEMENT DASHBOARD

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

Top: Hot Zone Temperature Range: Above Ambient to +200°C (+392°F)
Bottom: Cold Zone Temp Range: -65°C to +121°C (-85°F to +250°F)

Model	Overall Dimensions (in)	Carraige Dims. (in)	Working Volume
SM-2102D	49W x 62D x 57H	12W x 12D x 12H	2 cu. ft.
SM-2105D	51W x 74.5D x 67H	16W x 16D x 16H	5 cu. ft.
SM-2108D	55.5W x 79.5D x 74H	20W x 20D x 20H	8 cu. ft.

Top: Hot Zone Temperature Range: Above Ambient to +200°C (+392°F)
Middle: Ambient Room Temperature
Bottom: Cold Zone Temp Range: -65°C to +121°C (-85°F to +250°F)

Model	Overall Dimensions (in)	Carraige Dims. (in)	Working Volume
SM-2102T	48W x 67D x 72H	12W x 12D x 12H	2 cu. ft.
SM-2105T	52W x 75D x 84H	16W x 16D x 16H	5 cu. ft.
SM-2108T	56"W x 79"D x 97"H	20W x 20D x 20H	8 cu. ft.

Power requirements vary by model

SM-2108D with Watlow F4T

SM-2102T with Watlow F4T

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