



ASSOCIATED ENVIRONMENTAL SYSTEMS

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

SM-SERIES

We get you there faster.



SM-2105D with Watlow F4T Controller

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 F4 programmable controller with RS232 interface
- Adjustable high-low temperature safety
- MIL-STD-883K & MIL-STD-202H Standards



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OPTIONS

- Customizable temperatures and calibration
- Ambient Exposed Middle
- Window in Door Compartment
- Additional Basket
- LN2 or CO2 Booster
- Touch Screen Control Watlow F4T
- Programmable Chart Recorder



For the latest in remote operation and data-log management, AES|XCHANGE enables you to monitor and control your chamber via browser-based dashboard. Working remotely at a desktop, laptop, or tablet you can view your live or historical chamber data using the visual dashboard. You also have the ability to connect programmatically via JSON API. Go to <https://www.associatedenvironmentalsystems.com/xchange> for details and product specifications.

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
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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