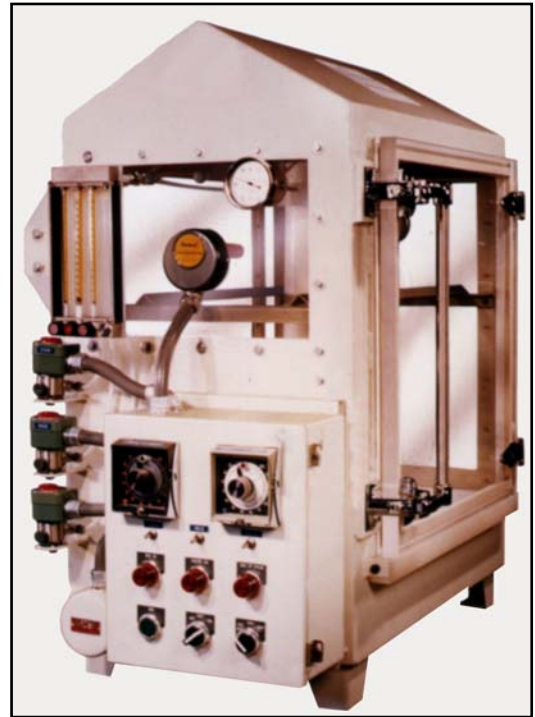


# AUTO TECHNOLOGY COMPANY ENVIRONMENTAL TEST CHAMBERS

## MULTI-GAS TEST CHAMBER

### Moist SO<sub>2</sub> testing

This Auto Technology Test Chamber performs moist SO<sub>2</sub> tests in accordance with DIN 50017 & 50018 and ASTM G87. It delivers state-of-the-art design, Bench-top flexibility and more.



### FEATURES

- Meets DIN 50017 & 50018 and ASTM G87
- Angled top designed for ASTM testing
- Self-contained heating Element
- Flowmeter
- Automatic controls
- Shatterproof plexiglass viewing ports
- PVC lining
- Benchttop design

### BENEFITS

- The 300-liter chamber has been specifically engineered to meet these critical test conditions.
- The specially designed roof prevents condensation from dripping on the specimen.
- This exclusive feature delivers controlled, uniform heat for precise testing.
- Provides an accurate and easy flow of gas into the chamber.
- By presetting flow rate, time and temperature controls, accurate test conditions are met – automatically.
- For unobstructed, safe test observation as well as the entrance of lines, leads, additional controls, etc.
- The durable non-porous lining ensures long cabinet life.
- The unit has been designed to operate on a workbench under a ventilation hood for greater operator safety.

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Technical information and data regarding the composition, properties or use of the products described herein is believed to be reliable. However, no representation or warranty is made with respect thereto except as made by Auto Technology Company in writing at the time of sale. Auto Technology Company cannot assume responsibility for any patent liability which may arise from the use of any product in a process, manner or formula not designated by Auto Technology Company.

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<http://www.autotechnology.net>

## STANDARD OPERATIONS

The Model 300 Environmental Test Chamber has been specifically designed to perform moist SO<sub>2</sub> tests for compliance with the following DIN (West German) specifications:

### DIN 50017

- Damp Heat Alternating Atmosphere (SFW)
- Damp Heat Alternating Atmosphere (STW)
- Damp Heat Constant Atmosphere (SK)

### DIN 50018

- Damp Heat Alternating Atmosphere Containing SO<sub>2</sub> (SFW 0.2S)
- Damp Heat Alternating Atmosphere Containing SO<sub>2</sub> (SFW 2.0S)

The above operations may be performed in either manual or automatic mode.

## OPTIONAL TESTING

With the addition of select optional accessories, the Model 300 Environmental Test Chamber easily adapts to perform these additional environmental tests:

- Multi-gas
- Salt Fog
- Humidity

## SPECIFICATIONS

- Electrical 110 volts, single phase, 60 Hz
- Maximum gas pressure 10 p.s.i.
- Maximum volume 300 liters

## CONSTRUCTION

Basic cabinet construction is of 10-gauge steel. Exposed testing surfaces are covered with a non-porous, washable PVC lining. Shatterproof plexiglass viewing ports permit unobstructed, safe test observation and provide for the entrance of salt solution lines, water lines, temperature controls, electrical leads, etc. to meet your specifications. For extra safety, the plexiglass door is completely gasketed and features a heavy duty hinge mechanism.

<b><i>EQUIPMENT SPECIFICATIONS</i></b>				
<b><i>Model #</i></b>	<b><i>Part No.</i></b>	<b><i>Capacity</i></b>	<b><i>Inside Dimensions</i></b>	<b><i>Outside Dimensions</i></b>
300	C100130	10 cu. ft.	29"H x 19 ½ W X 29 ½ L	41 5/8 "H x 21 ¾"W x 38 ½"L

For more information on our complete line of Environmental Test Chambers, contact:



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