

AUTO TECHNOLOGY COMPANY

CENTURY SERIES SPRAY CHAMBER



Versatile
configurations
available:

- ◆ *Rain*
- ◆ *Shower*
- ◆ *Spray*
- ◆ *Combination*

The NEW Century Series Spray Chamber is the latest in a series of environmental simulation testing innovations from Auto Technology Company.

Now you can accurately evaluate your product's performance in a simulated real-world environment. Whether you need to mimic rain, a shower, spray-like conditions, or a combination of tests, the Century Series will enable you to evaluate the integrity and performance of your design quickly and effectively.

In addition to the standard integrity test for your part's housing, the Century Series is also

available in configurations which will allow you to test the parts while they are powered up! Since our unique design is available with custom features which enable the test subject to be energized during the test cycle, you get real-world results.

Each chamber can be customized to include automatic controls or simple ON / OFF controls.

Take a look at the features on the following pages and we're sure you'll agree that Auto Technology Company's Century Series Spray Chamber can help you evaluate your products more effectively.

AUTO
Technology

Auto Technology Company

20026 Progress Drive, Strongsville, Ohio 44149

Phone (440) 572-7800, 1-800-433-8336, Fax (440) 572-7820

Visit us on the web at <http://www.autotechnology.net>

CENTURY SERIES SPRAY CHAMBER



- ◆ Designed to meet a variety of automotive, industry and international test specifications such as GM 9103P, JIS 0203 R1, S1, R2, S2, IEC 68-2-18, IEC 529 and many more
- ◆ Polypropylene Construction, Optional Stainless Steel construction available
- ◆ Front opening door with safety interlock
- ◆ Optional heat package for chamber temperature ranges from -40° C to 125°C depending on chamber const.
- ◆ Five standard spraying systems
- ◆ Optional rotating sample platform
- ◆ Recirculating solution reservoir with optional heating for temperatures from ambient to 98°C
- ◆ Controlled by simple ON/OFF relay controls
- ◆ Optional automated controls with touchpanel



High Pressure Spray System:

- ◆ Simulates a High Pressure wash test
- ◆ Four individual high pressure spray nozzles can be activated in series
- ◆ Quick disconnects make change out fast and easy
- ◆ Pressures from 400 to 1400 psi
- ◆ Adjustable nozzle positioning



JIS 0203 Spray Bar Assembly: (System #1)

- ◆ Simulates shower testing
- ◆ Arm rotation from 0 - 23 RPM on a 45 degree axis
- ◆ Two nozzle configuration to meet JIS 0203 R1 & R2 testing
- ◆ Quick disconnect union for easy arm removal
- ◆ Pressures from 30 to 145 psi
- ◆ CPVC construction or Optional Stainless Steel construction available

CENTURY SERIES SPRAY CHAMBER



JIS 0203 Spray Bar Assembly: (System #2)

- ◆ Simulates rain testing
- ◆ Arm rotation from 0 - 23 RPM on a 45 degree axis
- ◆ Forty (40) rain nozzle configuration to meet JIS 0203 S1 & S2 testing
- ◆ Quick disconnect union for easy arm removal
- ◆ Pressures from 30 to 145 psi
- ◆ CPVC construction, or optional Stainless Steel construction is available



IEC Spray Arc Assembly:

- ◆ Simulates spray and sprinkler testing
- ◆ Auto-reversing bar rotation at adjustable speeds
- ◆ Twenty-one (21) individual removable nozzle configuration to meet IEC 68-2-18 testing
- ◆ Dual quick disconnect unions for easy bar removal
- ◆ Pressures from 30 to 145 psi
- ◆ Stainless Steel construction



Rotating Sample Table (Platform):

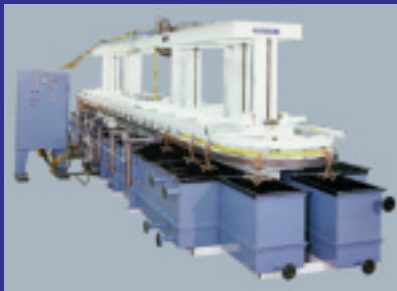
- ◆ Variable speed drive for adjustable rotation from 0-17 RPM
- ◆ Optional automatic reversing feature
- ◆ Optional air to the top of the table feature
- ◆ Optional slip ring assembly feature available to bring power to the top of the table while rotating
- ◆ PVC, or option CPVC or Stainless Steel construction available

CENTURY SERIES SPRAY CHAMBER



Chamber Hydraulic System:

- ◆ Pressure and flow monitoring equipment
- ◆ Pressure and flow adjustments made from easily accessible valves and meters
- ◆ Solution filtration with in-line particulate strainers
- ◆ PVC, CPVC or Stainless Steel construction available depending on options purchased



Take a look at our other GMF Systems:

- ◆ Automatic Finishing Equipment
- ◆ Environmental Test Chambers
 - Salt Fog
 - Humidity
 - Multi-Gas
 - Cyclic Corrosion
- ◆ Centrifugal Dryers
- ◆ Hoists



Auto Technology Company
20026 Progress Drive, Strongsville, Ohio 44149
Phone (440) 572-7800, 1-800-433-8336, Fax (440) 572-7820
Visit us on the web at <http://www.autotechnology.net>

AUTO
Technology