

P-700

Bench Top Salt Spray/Fog Chamber

Description

The Bemco P-700 is designed to fill the needs of the laboratories that require accurately controlled salt spray/fog tests on small components and assemblies. Mass production techniques plus Bemco's years of experience in this field allow us to provide a superior product at a price all laboratories can afford. The P-700 is designed to perform MIL-STD and similar tests.

The salt fog nozzle is plastic. The salt solution is in contact with plastic only. Compressed air is reduced in pressure to the proper level by an automatic pressure regulator and fed through a warm water bubble tower where it is humidified before using in the fog nozzle. The salt is mixed and stored in a plastic container from which it is siphoned by the fog nozzle. The salt solution and the bubble tower are heated by the air system which heats the chamber.



Specifications

Test Space	12" width x 12" height x 18" depth (30.5 cm width x 30.5 cm height x 45.7 cm depth)
Outside Dimensions	32" width x 20" height x 24" depth (91.3 cm width x 50.8 cm height x 70 cm depth)
Temperature Range	Ambient to 125 ± 2° F
Bubble Tower Size	One Gallon
Salt Solution Bottle Size	Two Gallons
Consumption	0.2 to 0.3 Gallons per hour
Utilities	Power: 115 volt - 10 amps Air: 40 to 100 psi Drain
Shipping Weight	100 lbs.

Standard Features

A seamless molded fiberglass interior coated with a white epoxy • Rounded corners in the test space so dirt can't collect • A sloped ceiling to prevent drippage on test specimens • A positive water sealed lid to prevent leakage to the atmosphere • Conditioning components which are easily accessible through a hinged door on the end of the unit • An all stainless steel exterior for long-term reliability • An air valve and a pressure regulator; Complete panel mounted for ease of operation • A plastic salt spray nozzle • A main temperature control system which conditions the test space and warms the salt solution • Both a bubble tower and a salt solution reservoir, contained within the equipment • Operation from 115 VAC-15 Amp., 50/60 Hz power • A dial type temperature gauge and a pressure indicator • A centrifugal fan to circulate air around the chamber • Bemco's standard warranty

Optional Equipment

Stainless steel castered base • 25 ml calibrated graduated salt solution collector • Extended operating time of 48 hours or 96 hours • ASTM-B-117 version • Special custom modifications to meet your exact testing needs

BEMCO
INCORPORATED

Environmental & Space Simulation Systems

2255 Union Place Simi Valley, CA 93065 (805) 583-4970 FAX (805) 583-5033