



Presto Stantest Pvt. Ltd.

I-42, DLF Industrial Area Phase-1, Delhi Mathura Road, Faridabad 121003, Haryana, India

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Salt Spray Chamber - Korrox IV Magnus Series Computerised



Model No. KORROX IV - 250 (Korrox IV Magnus Series)

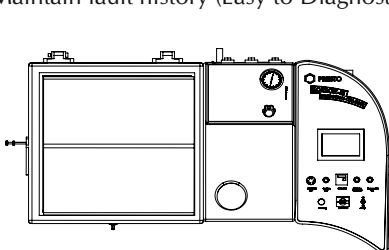
Registered Design No. 244580

Salt Spray Chamber is a consistent tool useful for checking the corrosion resistance of surface coatings when exposed to salt laden environment. This instrument provides simulation of real time weathering conditions. PRESTO CASS cum Salt Spray Chamber is manufactured under various Test Standards ASTM B 117 and JIS Z 2371. **Inert High Quality strong GRP Material used** for construction of body which is most widely used and preferred throughout the world for Corrosion Chambers.

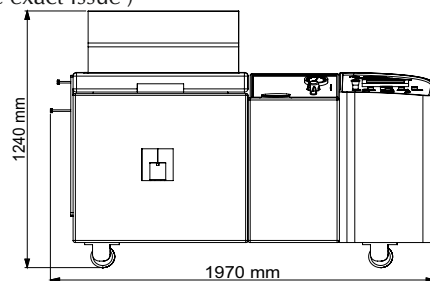
- HMI based Touchscreen Model
- Relative Humidity can be monitored on HMI Screen.
- Salt Spray Test mode enabled to set parameters according to test sample
- Corrosion Resistant PT-100 sensor
- Solid state digital Programmable Temperature Controller
- Program profile for selecting test parameters and performing the test.
- Easy Data Management. User can create PID settings, Air Saturator settings, test temperature, test and air purge time etc.
- Current test running status display
- Robust Construction with Fiber reinforced body(Triple wall)
- Ease of use of sample placements inside the test chamber
- Pneumatically operated canopy (only for 250 Ltr. Model)
- Air purge after test for fog settlement.
- Reservoir Tank inside sponge filter with low solution level alarm.
- 5 point Auto Tuning feature selection
- Real time vs temperature graph
- Data recording with temperature data reading
- USB option available (Pen drive is not a part of supply)
- User can control PID settings through Advanced Hysteresis setting
- Angle of Canopy maintained in order to restrict flow of droplets directly on the test sample.
- Low compressed air alarm (Smart device introduce)
- Low NACL solution alarm.
- Over / under voltage protection
- Individual specimen real time monitoring with identification.
- Maintain fault history (Easy to Diagnos the exact issue)

New Innovative Add On features in Presto Salt Spray Chambers that make it Class Apart.

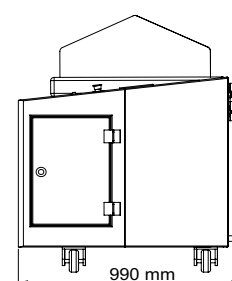
- Ethernet Connectivity- to connect with other devices using LAN and internet.
- Also to connect any computer or other electronic devices to its network as long as the device has an Ethernet adapter or network card.
- Built-in VNC server that allows remote monitoring and operating of the HMI functions via VNC Client APP (Windows, iOS, Android)
- Alarm Notification-Automatically sends out alarm notification separate fault history to logged-in recipients when alarms occur.
- 10 Preset Timers-**TIMERS WILL TAKE CARE OF YOUR SAMPLE TIMINGS**
- Option to interchange HMI fonts between HINDI and ENGLISH for Operator convenience to operate and access database using Hindi Language.



Top View



Front View



Side View

• Dimension for 250 liter model.

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3 Years Warranty on Chamber Body





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Key Specifications:

Display	HMI Based touchscreen 7" TFT LCD Color screen
Chamber Temp Range	Ambient to 40°C
Test Chamber Temp. working Range	35°C ± 2°C
Chamber Temperature Least Count	0.1°C
Chamber Temperature Repeatability	± 2°C
Air Saturator Temperature Range	40°C - 49°C
Air Saturator Temperature Least Count	0.1°C
Air Saturator Temperature Repeatability	± 2°C
Power	220V, Single phase, 50 Hz, 15 A
pH value of Salt Solution	6.5 to 7.2 pH
Temperature Control	Inbuilt PID Temperature Controller
Timer (Hour meter)	6 digits
Test Air Pressure	0.7Kg/cm ² - 1.2Kg/cm ²
Air Regulator	0 to 30 psi

Highlights:

Relative Humidity Monitor	Yes (on HMI Screen)
Air Saturator water Level low alarm	Yes
Fog Collection Funnel	1
Air Purge	Auto/Manual
Air Saturator Auto Refilling	Yes
Material	Fiber Glass
Over Temp. / Water level low / Air Pressure Low Alarm	Yes
Over voltage / Under voltage protection	Yes
Maintain fault history	Yes (Easy to diagnose the issues)
Reservoir float valve	Yes

* Compressed Air requirement : Approx 7 cfm (Air Compressor not part of supply)
 Main air line pressure regulator with filter in customer scope.

Optional:

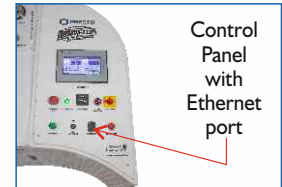
- Online pH meter.
- Table top pH meter.

MODEL	Internal Size : (in mm)	External Size : (in mm)
Korrox™ - 250 *	800X500X550	1970X990X1240
Korrox™ - 450	1000X700X750	2200X1150X1550
Korrox™ - 1000	1600X700X800	2750X1170X1650

Thank you customers for choosing us as your partners in growth !

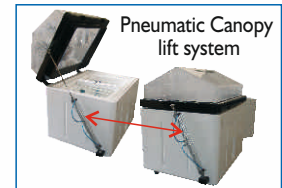


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Control Panel with Ethernet port

Check for options

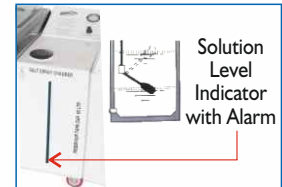


Pneumatic Canopy lift system

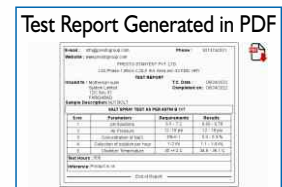
* available with only 250 liter model



Automatic Leveler For Air Saturator



Solution Level Indicator with Alarm



Test Report Generated in PDF



Smart Monitoring device under & over voltage protection



Air Monitoring device with Low Air Alarm

