Cass Cum Salt Spray Chamber
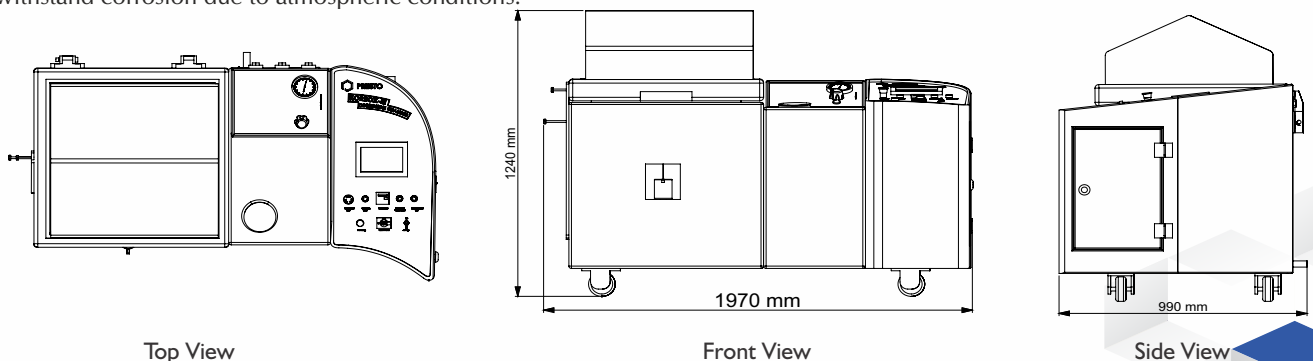
Pneumatically Operated Canopy (only with 250 liter model)

HMI Based Touch Screen

Fiber Reinforced body (Triple Walled)

Online Fog Collection Unit

Hour Meter

Air Purge

Castor Wheels with lock

Model No. - KORROX III (C)

CASS cum 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 B117, ASTM B368 - 09 JIS Z 2371.

- HMI based Touchscreen Model
- Inbuilt temperature settings
- Salt Spray Test mode enabled to set parameters according to test sample
- Temperature setting and Preset Timer functions incorporated in HMI for accuracy and repeatability
- 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.
- Microprocessor based inbuilt PID controller
- Reservoir Tank in side sponge filter Available
- Auto Tuning feature selection
- Run time vs temperature graph
- Data recording with temperature data reading
- Data save to USB device (Pen drive not in part of supply.)
- Set values (SV) and present values (PV) displayed together.
- 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
  The Presto Cass Tester has been designed strictly as per the relevant standard to assess the ability of rust proofed components to withstand corrosion due to atmospheric conditions.

Special features First Time in the World

Top View

Front View

1240 mm

1970 mm

Side View

990 mm

• **Dimension for 250 liter model.**

Salt Spray Chamber with added innovative features

	• 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).
	• Lock function: block remote operation during on-site operation to avoid unsynchronized commands. when the lock function is ON, VNC server allows remote monitoring but not remote operation.
	• Web Monitoring which allows direct monitoring of register data via web -page, and requires no additional software I installation
	• Alarm Notification-Automatically sends out alarm notification emails to logged-in recipients when alarms occur and supports the Secure Sockets Layer (SSL) protocol to ensure safe data transmission.
	• 10 Preset Timers-TIMERS WILL TAKE CARE OF YOUR SAMPLE TIMIMGS
	• Option to interchange HMI fonts between HINDI and ENGLISH for Operator convenience to operate and access database using Hindi Language.

Key Specifications:

Display	HMI Based Touchscreen 7" TFT LCD Color Screen
Chamber Temp.Range	Ambient to 60º C
Test Chamber Temperature Range	49ºC ± 2ºC
Chamber Temperature Least Count	0.1ºC
Chamber Temperature Repeatability	± 1ºC
Air Saturator Temperature Range	Ambient to 65ºC
Air Saturator Temperature Least Count	0.1ºC
Air Saturator Temperature Repeatability	± 2ºC
Power	220V , Single phase, 50 Hz , 15 A
Temperature Control	Inbuilt PID Temperature Controller
Timer(Hour meter)	6 digits
Test Air Pressure	0.7Kg/cm²- 1.7Kg/cm²
Air Regulator	0 to 30 psi

Highlights:

Air Saturator Water Level Low Alarm	Yes
Fog Collection Funnel	1
Air Purge	Auto/Manual
Air Saturator Auto Refilling	Yes
Material	Fiber Glass
Over Temperature Alarm	Yes
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.

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

Optional:

- Online pH meter.
- Table top pH meter.
- Humidity indicator and sensor stand alone.

Control Panel

Check for options

Pneumatic Canopy lift system

* available with only 250 liter model

Automatic Leveler For Air Saturator

Water Level Indicator

Specimen Positioning System

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

Head Office : **Presto Stantest Private Limited**

I-42, DLF Industrial Area Phase-I, Delhi Mathura Road, Faridabad 121003, Haryana, India
P : +91 129 4272727   **E** : info@prestogroup.com

Branches :

Mumbai
503-504B, Fair link Centre, Opp. Fame Adlab
Behind Mongini's Off Link Road
Andheri (West), Mumbai 400058
P : +91 022 42957052, 42957053
E : west@prestogroup.com

Kolkata
93, 3rd Floor, Karnani Estate
209, A.J.C. Bose Road
Kolkata-700017. West Bengal
P : +91 033 40612012
E : east@prestogroup.com

Chennai
A-3,First Floor, Sri Sathya Sai Building
755, Poonamallee High Road, Kilpauk
Chennai- 600 010. Tamil Nadu
P : +91 044 43865260, 43838372
E : south@prestogroup.com