Presto Stantest Pvt. Ltd.

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

P : 9210 903 903, +91 129 4272727, ⊙ 93111 24302   E : info@prestogroup.com

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3 Years Warranty on Chamber Body

Salt Spray Chamber - KORROX III

Pneumatically Operated Canopy *

Fiber Reinforced body (Triple Walled)

Online Fog Collection Unit

Castor Wheels with lock

HMI Based Touch Screen

Hour Meter

Air Purge

Model No. - KORROX III

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 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
- 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 inside sponge filter available
- Auto Tuning feature selection
- Run time vs temperature graph
- Data recording with temperature data reading
- USB option available (Pen drive is not a part of supply)
- Option available to set PV and SV value
- 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.

* (only with 250 liter model)

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Key Specifications:

Display	HMI Based touchscreen 7" TFT LCD Color screen
Chamber Temp Range	Ambient to 40ºC
Test Chamber Temperature Range	35ºC $\pm$ 2ºC
Chamber Temperature Least Count	0.1ºC
Chamber Temperature Repeatability	$\pm$ 2ºC
Air Saturator Temperature Range	40ºC - 49ºC
Air Saturator Temperature Least Count	0.1ºC
Air Saturator Temperature Repeatability	$\pm$ 2ºC
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/cm² - 1.2Kg/cm²
Air Regulator	0 to 30 psi

Highlights:

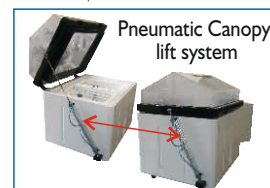|	
Air Saturator water Level low alarm	Yes
Fog Collection Funnel	1
Air Purge	Auto/Manual
Air Saturator Auto Refilling	Yes
Material	Fiber Glass
Over Temperature Alarm	Yes
Reservoir float valve	Yes

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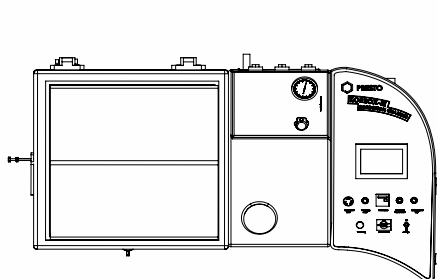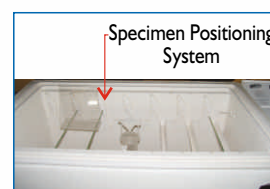 Main air line pressure regulator with filter in customer scope.

Optional:

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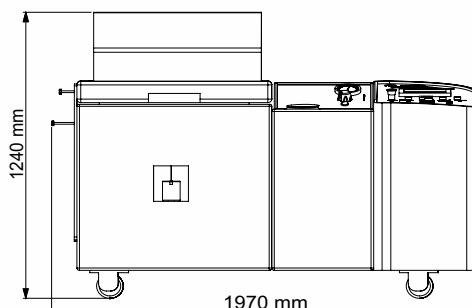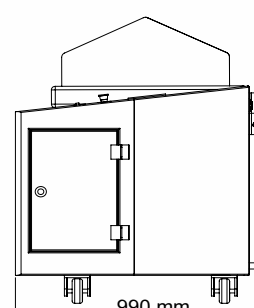• Humidity indicator and sensor stand alone.

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

Top View

1240 mm | 1970 mm
Front View

990 mm
Side View

• **Dimension for 250 liter model.**

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

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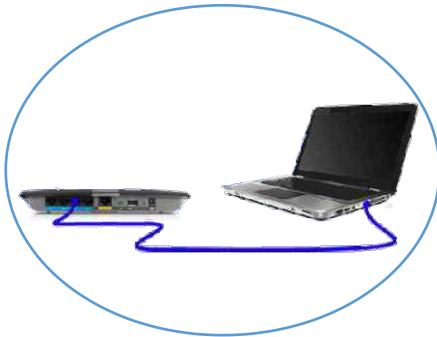
40 YEARS
1983-2023
TIME TESTED TESTING INSTRUMENTS

New Innovative Add On features in Presto Salt Spray Chambers that make it Class Apart.
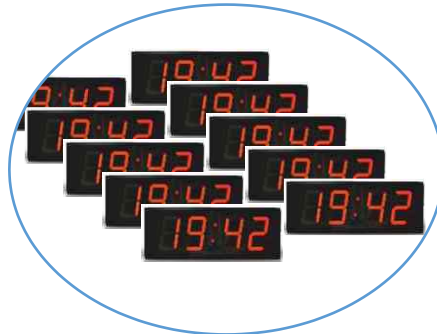
- Ethernet Connectivity- to connect with other devices using LAN and internet.
- Also to connect any computer or other electronic devices to its network as long as the device has an Ethernet adapter or network card.
- Built-in VNC server that allows remote monitoring and operating of the HMI functions via VNC Client APP (Windows, iOS, Android)
- Web Monitoring through 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 TIMINGS**
- Option to interchange HMI fonts between HINDI and ENGLISH for Operator convenience to operate and access database using Hindi Language.

New **INNOVATIONS** DONE

ETHERNET CONNECTIVITY

10 PRESET TIMERS
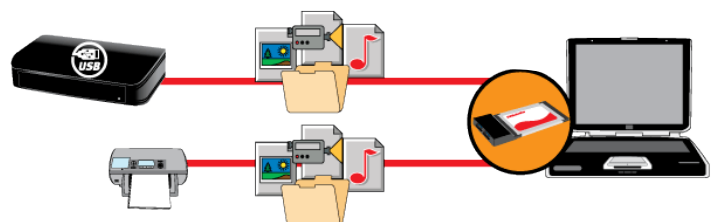
HINDI LANGUAGE INTERFACE

Web Monitoring

• Allows direct monitoring of register data via web -page, and requires no additional software 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.

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40 YEARS 1983-2023
TIME TESTED TESTING INSTRUMENTS

10 Preset Timer

TIMERS WILL TAKE CARE OF YOUR SAMPLE TIMINGS

FORGET NOTE PADS

EASY TO RESET
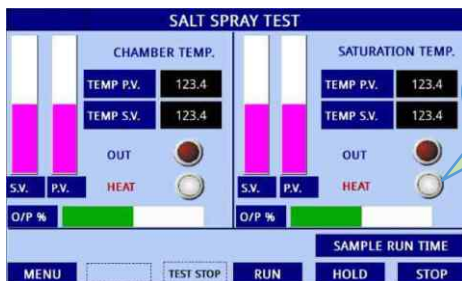
Benefits & Features of Preset Timers

- When there was only single timer for whole process and chamber then you would had to note down the timings manually for a new lot inserted in b/w the test, but now there are 10 different timers which can work independently.

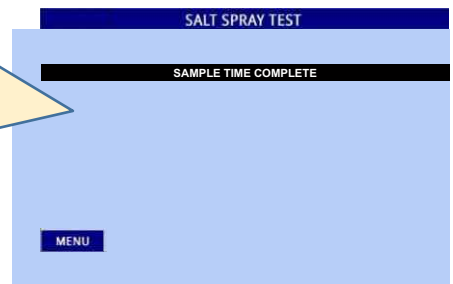- You can pre -set the tmings you want   for a parti   ular sample or lot to test.

BACK	DURATION		RUN TIME		
	HR	MIN	HR	MIN	
SAMPLE 1	1234	12	1234	12	RESET
SAMPLE 2	1234	12	1234	12	RESET
SAMPLE 3	1234	12	1234	12	RESET
SAMPLE 4	1234	12	1234	12	RESET
SAMPLE 5	1234	12	1234	12	RESET
SAMPLE 6	1234	12	1234	12	RESET
SAMPLE 7	1234	12	1234	12	RESET
SAMPLE 8	1234	12	1234	12	RESET
SAMPLE 9	1234	12	1234	12	RESET
SAMPLE 10	1234	12	1234	12	RESET

SALT SPRAY TEST

CHAMBER TEMP.   SATURATION TEMP.

TEMP P.V. 123.4   TEMP P.V. 123.4
TEMP S.V. 123.4   TEMP S.V. 123.4

OUT   OUT

S.V. P.V. HEAT   S.V. P.V. HEAT

O/P %   O/P %

SAMPLE RUN TIME

MENU   TEST STOP   RUN   HOLD   STOP

QUICK ACCESS FROM TEST SCREEN

AUTOMATICALLY GIVE PROMPT MESSAGE ON MAIN SCREEN WHEN PARTICULAR SAMPLE TIME COMPLETED

SALT SPRAY TEST

SAMPLE TIME COMPLETE

MENU

Hindi Language Interface

A STEP FOR

Ensuring communication without language barrier

- Since HINDI is the mother tongue of INDIA, so most of the machine operators who actually interact with the machine to perform test are comfortable in HINDI language.

- For operator convenience we have provided option to interchange HMI fonts between HINDI and ENGLISH.

- User can access database using Hindi language also

19.08.2020   मैन मैन्यू   12:21:47

प्रोग्राम मोनिटर   टाइमर

टेस्ट मोड   प्रोग्राम प्रोफाइल

सेटिंग   हिस्ट्री रिकॉर्ड

टर्बल शूटिंग   हिन्दी

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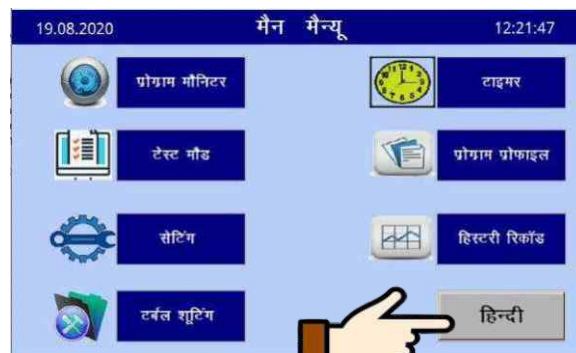P : 9210 903 903, +91 129 4272727, 93111 24302   E : info@prestogroup.com

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Features

- In the MAIN MENU screen you can simply interchange between the HINDI and ENGLISH language with a single tap.
- Then every opton of HMI interface will convert to HINDI font.

Registered Design No. 244580

Market Leaders use Presto Salt Spray Chamber (Our Valued clients)

Automobiles :

- Honda Motorcycle and Scooter India Pvt. Ltd.
- Knorr- Bremse India Pvt
- Varroc Polymer Pvt Ltd.
- Mahindra & Mahindra
- Hero Motors Ltd.
- CLAAS India Private Limited
- Harley Davidson India Ltd.
- VE Commercial Vehicles Limited
- JCB India Ltd
- Harita Seating System Limited
- Sandhar technologies Limited
- Satyam Auto Components
- MAHLE Filters Pvt. Ltd.
- Jindal Stainless Steel Ltd.
- Hema Engineering Industries Limited
- Superon Schweisstechnik India Ltd
- Krishna Ishizaki Auto Limited
- Atul Auto Limited
- Sanden Vikas India Pvt Limited
- Aurangabad Auto Engineering Pvt Ltd
- Parker Hannifin
- Marathon Electric India Pvt Ltd
- C & S Electric Ltd
- Tata steel Limited
- Nichirin Imperial Autoparts India Pvt Ltd
- Neel Metal Product Ltd
- SOGEFI – MNR Engine System India Ltd
- Carborundum Universal Limited
- Advance Diesel Engines Pvt Ltd
- IMI Norgen Heroin Pvt Ltd
- Grupo Antolin India Pvt Ltd
- Bajaj Motors Limited
- Lumax Auto Technologies Ltd
- NRB Bearings Limited
- Indication Instruments Limited

Paint and Coatings :

- Artek Surfin Chemicals Ltd
- Azko Nobel India Limited
- CRS Paints and Resins Pvt Ltd
- 3M India Ltd
- Grauer and Weil (India) Ltd
- Rapid Coat Ltd.
- Nippon paints Ltd.
- Diversified coating technology
- Sai Green Metafin Coating Technology Pvt Ltd
- Kamal CED Solutions LLP
- Shri Surya Industrial Coatings Pvt Ltd
- Kumar Paints and Insulate Industries
- Performance Specialty Products (India) Pvt Ltd
- Sirca – Wood Coatings (ITALY)
- Chemilac Paints Pvt Ltd
- Unilay Coatings Pvt Ltd
- Modern colours Pvt Ltd
- Sar coatings LLP
- Seven seas Paint Pvt Ltd
- Aum Dacro Coatings
- Wuerth Industrial Services India Pvt Ltd
- Chemtech Surface Finishing Pvt Ltd

Commercial Laboratories and Research Institutes :

- Indian Institute of Packaging
- VSP Laboratory
- Surface Engineering and Coating Consulting
- Perfect Laboratory Services
- Bhartiya Enterprises
- Complete Surveying Technologies Pvt Ltd
- Inmet technology Solutions Pvt Ltd
- Madanpalle Institute of technology and science
- Research & Development Center for Bicycle & Sewing Machines
- Widman Laboratory Pvt Ltd
- Vaidic test house

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Automobiles :
- JNS Instruments Ltd
- SHIROKI Technico India Pvt Ltd
- Ask Automotive Pvt Ltd
- Rokiminda Co. Pvt Ltd
- Mahindra Heavy Engines Limited
- Rockman Industries Limited
- Minda Kosei Aluminium Wheel Pvt Ltd
- Siac SKH India Cabs Manufacturing Pvt Ltd
- Subros Limited
- Vee Tee Auto Manufacturing Co. Pvt Ltd
- Asahi India Glass Ltd
- Endurance Technologies Limited
- Rockman Industries Ltd
- Sunbeam Auto Pvt Ltd
- Minda Industries Limited
- Rane (Madras) Limited
- Yutaka Autoparts India Pvt Ltd
- Motherson Sumi Systems Limited
- JNS Instruments Ltd
- Bridgestone India Automotive Products Pvt Ltd
- Munjal Kiriu Industries Pvt Ltd
- Foundation Brake Manufacturing
- Masu Brakes Pvt Ltd.
- Hero Electric Ltd.

Screws and Fasteners :
- Pooja Forge Ltd.
- Sterling Tools Ltd.
- Lakshmi Precisions Screws Ltd.- LPS
- Daiichi Fasteners India Pvt Ltd.
- Precision Industrial Fasteners
- Micro Tuners
- Punch Ratna Fasteners Pvt Ltd
- Super screws Pvt Ltd
- Panchal Manufacturing Co. Pvt Ltd
- Eastman Exports Pvt Ltd.
- Star Circlips and Engineering Limited
- Star Fasteners Pvt Ltd.

Electronics and Home Appliances :
- VoltBek Home Appliances Pvt Ltd
- Godrej and Boyce Mfg. Co Ltd
- Schneider Electric Infra Ltd
- Bhagwati Products
- Anchor Electricals Pvt Ltd.
- Rosenberger Electronic Company India Pvt Ltd
- Voltas Limited
- Carrier Air conditioning and refrigeration Limited
- Luminous Power Technologies Pvt Ltd.
- Stahl India Pvt Ltd.
- Signode
- Mittal Electronics Pvt. Ltd.
- Havells India Ltd.

Hardware and Hand Tools :
- Groz Engineering Tools Pvt Ltd
- Mita India Pvt Ltd
- Designco
- Arasna Industries
- Wazir Chand and Co.Pvt Ltd
- Hettich India Pvt Ltd
- Royal Tools India Ltd – Plant II
- Dewan and sons

Bathware & Fittings :
- HSIL Limited (Delhi)
- Kohler India corporation Pvt Ltd
- Cera Sanitaryware Limited
- Ozone Overseas Pvt Ltd
- Jaquar and company Pvt Ltd
- Kajaria Bathware Pvt Ltd.

Springs
- Bhartia Mini Spring and Engg Co. Pvt Ltd
- Vestal Manufacture and traders
- Toyo Springs limited
- Advik Hi- Tech Pvt Ltd
- Starion India Pvt Ltd
- Smoto Industries Pvt ltd
- Techno Springs India Pvt Ltd
- Triveni Wires Pvt Ltd
- S.S Enterprises
- Shivam Autotech Ltd

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