



# Presto Stantest Pvt. Ltd.

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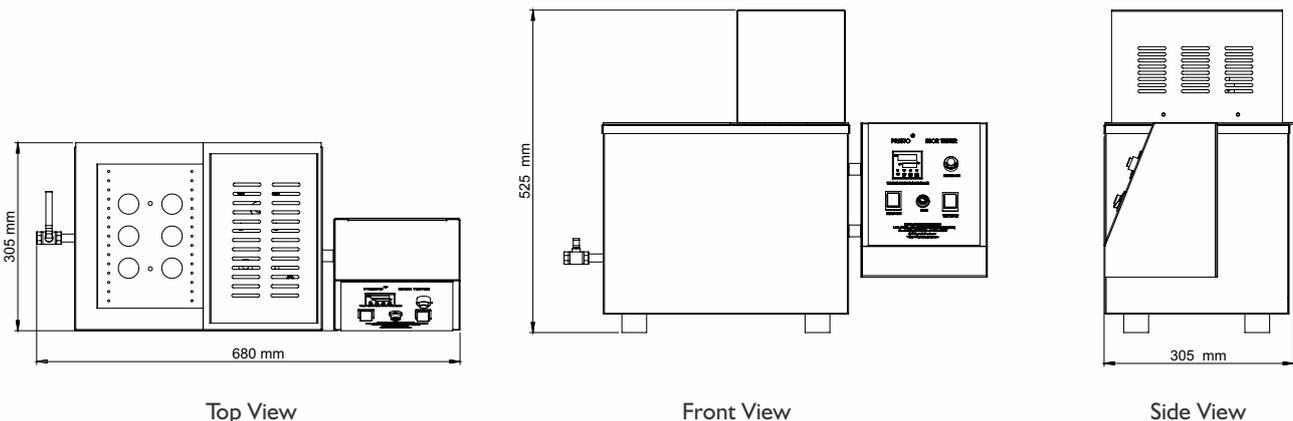
## Environmental Stress Cracking Resistance Tester



### Model No. PEC-1001

**Environmental Stress Cracking Resistance Tester** is a unique test cabinet designed to detect the change in the physical characteristics of plastic material and to ascertain the actual working life of test samples at environmental stress. It is important resin property caused by tensile stresses. PRESTO Environmental Stress Cracking Resistance Tester is manufactured according to standard ASTM D1693-15.

- Temperature control through PID controller
- Highly accurate test results under uniform temperatures in the chamber
- Advanced Digital Microprocessor based PID based temperature controller
- Provision of Set Value(SV) and Process Value(PV) on temperature display
- Inbuilt Auto tuning function
- Bright LED display
- Equipped with rapid heaters for uniform and homogenous heating and maintaining temperature inside the chamber
- Integral water drain system
- Inbuilt Calibration feature with reference to master PID controller
- Stirrer motor for precise stirring of sample inside the tank and for uniformity of temperature
- A set of Test tubes along with fixture to hold samples inside the tank





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The Environmental Stress Cracking Resistance Tester comes with motorized stirrer for maintaining heating efficiency.

## Key Specifications:

Size of Specimen	38 x 13 mm
Size of Test Tube	165 mm (Length) 32 mm (Diameter)
Display	LED (Digital) 7 segment
Temperature Range (for water)	Ambient to 90°C
Temp. Sensor Type	Pt-100 (3 wire)
Accuracy	± 2°C
Least Count/Resolution	0.1°C
Power	15A, 220V, Single phase, 50 Hz
Heater Capacity	1KW
Motor Type	Stirrer Motor
Motor Capacity	1/70 HP, 1350 rpm

## Standard Accessories :-

- Sample Cutting Die -1
- Borosilicate Glass tube - 6
- Cork Plug - 6
- Aluminium Sample Fixture - 6
- Bending Tool - 1
- Nicking Jig - 1
- Piercing Tool with cutter - 1 set

## Highlights:

No. of test stations	6
Top Cover	Yes
Material	Mild Steel (Outer Body) Stainless Steel (Inner Body)
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish
Dimensions	680x305x525mm

- Silicon Oil is not a part of supply
- Sample cutting press is not a part of supply

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



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## Our Other Products :-

Melt Flow Index NEO 2.0	Wall Thickness Gauge	Gloss Meter Triangle	Melt Flow Index NXG	MFR (Method A & B)	Moisture Analyzer MB 45

