



innovative solutions

Thermal Stability Test Apparatus Model SSI - 501 TS



An ISO 9001:2008 Company
GMP compliant

Thermoplastics and PVC materials when exposed to continuous heat, degenerates and emit harmful acidic gases. The instrument is manufactured for testing PVC materials against their thermal stability at higher temperature. The basic principal is that the pH paper changes its color when it comes in contact with halogen gases, released by PVC and its compounds on heating at higher temperatures.

The Instrument is especially designed to suit the requirement of **IS 10810 (Pt 60).**

Consumables like ph paper & test tubes are not part of the standard equipment and are available at extra cost. A stop watch has to be provided by the user.

The instrument consists of

- One solid Aluminum block used as the heating medium.
- 15 holes are drilled in the aluminum block for keeping the sample.
- Specially designed embedded / Jacket heaters in the thermal block.
- Digital Temperature Indicating Controller for precise setting & control of temperature.



(Actual instrument may differ from the photograph due to regular improvements)

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