



innovative solutions

Smoke Density Apparatus As per UIC 564 Appendix 15 SSI 561



An ISO 9001:2008 Company
GMP compliant

Smoke Density Apparatus is used for measuring & observing the relative amount (Density) of smoke produced by the burning (combustion) or decomposition of Plastic, Cables etc. under controlled conditions.

The sample is burned under controlled pressure of LPG, through a specified burner as per the standard. A light source and a photo receptor is placed on either side of the chamber, and the percentage of light absorbed is displayed through a linear amplifier digital electronic photometer with 0 to 100% absorbance / Transmission / lux scale. The apparatus comes complete with timer, gas pressure gauge, damper and exhaust fan for removing smoke from the chamber.

The instrument is manufactured as per the **UIC** specification and also confirms various other international standards. The instrument comprising of

- ✚ A glass door chamber (internal size 1000 x 750 x 750 mm)
- ✚ Burner, gas regular
- ✚ Electronic Photometric System
- ✚ Timer
- ✚ Specimen Holder
- ✚ Damper
- ✚ Exhaust fan



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

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