



innovative solutions

Smoke Point / Density Apparatus For Oils

CE An ISO 9001:2008 Company
GMP compliant

Smoke Density Apparatus is used for measuring & observing the relative amount (Density) of smoke produced by the heating / burning (combustion) or decomposition of Oil and oil based material etc. under controlled conditions.

The sample is heated under controlled temperature, through a specified designed heating system. A light source and a photo receptor is placed on either side of the chamber, and the percentage of light Transmitted / absorbed is displayed through a linear amplifier digital electronic photometer with 0 to 100% scale. The apparatus comes complete with timer with 1.5-second pulse at every 15 sec with hold facility, temperature controller for heating block and Roto Meter to control the air flow.



The instrument comprising of

- ✚ Heating Block
- ✚ Saturation Chamber (including sample holding area)
- ✚ Condensation / Smoke Chamber
- ✚ Electronic Photometric System
- ✚ Timer
- ✚ Specimen Holder
- ✚ Digital Temperature Controllers
- ✚ Roto meters

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

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