



GSM Testers



In paper manufacturing and user industry, the term for expressing the "Weight" per unit area, (more properly mass per unit area) of paper has been "basis weight", "ream weight", "substance", or "grammage".

Also in most countries, the mass per unit area is expressed in grams per square meter (gm.m). The area of several sheets of paper or paperboard is determined from linear measurement. The weight is determined by weighing. The grammage is calculated from the ratio of the mass to the area, after conversion to metric units when necessary.

Significance: Most paper is bought and sold in accordance with its mass per unit area, and therefore the grammage has great significance both to the consumer and the producer in defining price. The values of many physical properties such as Bursting Strength, Thickness, and Bulk are interpreted and specified with regard to grammage.

Electronic Model



Analog Model



Features

- Direct Display of GSM on scale.
- 2 sample size measurement - 10 X 20 and 20 X 20 cms.
- Solid metal base with aluminium body.
- Factory calibrated pendulum assembly.
- Levelling bolt for zero adjustment of the pendulum.
- Two cutting templates supplied with the equipment

Dimensions: (L x W x H) 380 X 170 X 510 mm

Weight: Net Weight: 8 kgs / **Gross Weight:** 15 kgs

Features

- Direct Display of GSM on LED Screen.
- 5 Sample size Measurement
5 X 5, 10 X 10, 10 X 20, 20 X 20 and 25 X 25 cms.
- Breeze shield for accurate and air free weighing..
- Auto Calibration in 6 Simple steps.
- Two modes of measurement (GSM and Weighing).
- Overload protection (Preset).
- Two cutting templates supplied with the equipment.
- Accurate Die Cutter and Round Cutter available at extra cost

Electrical: Power Supply 220VAC, 50Hz.

Dimensions: (L x W x H) 250 X 375 X 275 mm

Weight: Net Weight: 3.4 kgs / **Gross Weight:** 15 kgs

Conforming to following Standards:

- TAPPI T410om ● ASTM D3776/2646-96
- ISO 3801



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