

**SAMPLE CUTTER for GSM™**

**INTRODUCTION**

**SAMPLE CUTTER for GSM** is a specialized instrument to determine the GSM of the fabric (Woven, Non Woven or Knitted). Paramount **SAMPLE CUTTER for GSM™** can be used cut virtually any type of material including film, foam, carpet, paper and board.

**EQUIPMENT**

Paramount **SAMPLE CUTTER for GSM™** main body is completely made of aluminum casting for light weight & resilience with Diamond Studded Locking(Catch Lock) Mechanism for Safety. The instrument is equipped with a set of four replaceable German reversible blades i.e. all the four sides of the blades can be used Specially designed 4 Special grade, Grey-cutting pads provided to support while cutting. The equipment is meticulously finished with silver paint.

The unit is recommended for yield testing i.e. weight per unit area. The sample cutter cuts out rapidly and accurately circular specimen of 100, cm<sup>2</sup> giving the GSM (Grams per square meter) DIRECTLY.

**SALIENT FEATURES**

- Specialized equipment to determine Grams per square meter (GSM) of any type of fabrics.
- Finest grade of aluminum metal used in main body for lightweight, robustness & resilience.
- Smooth precision engineered components for excellent performance.
- Stainless steel blade holders for lifelong excellent operations.
- Ergonomic latest design with modern aesthetics.
- Supplied with special rubberized foam cutting pad for smooth cutting & long life of the blades & two sets of cutting blades.
- Supplied with calibration & inspection certificates.

**Sample Cutter for GSM™ is supplied complete with below accessories.**

Main Unit	: 01 No.
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Special Grade-Grey Cutting Pads	: 02 Nos.
Extra Cutting Blades (Set of 04 Blades)	: 01 Set.
Dust Cover	: 01 No.
This User's Manual	: 01 No.
Inspection & Conformance Certificate	: 01 No.
Calibration Certificate (Traceable to NPL)	: 01 No.



**TECHNICAL DETAILS**

Size of the Sample Dia. to be cut	: 113 mm
Cutting Blades	: Reversible i.e. can be used from all the four sides.
No. of Cutting Blades	: 4 Nos. (1 Set.)
Movement of hand wheel	: ¼ Round to cut a sample
No. of Cutting Pads	: 4 Nos.
Size of the gray cutting pads	: 300 (L) x 200 (W) x 23 (H) mm
Overall Dimensions of the unit	: 160 (L) x 110 (H) mm 6.25 (L) x 4.3(H) inch
Net Weight of the unit	: 1.7 Kg. (3.74 lbs)

**RELATED STANDARDS**

- ASTM D3776 / 2646 – 96
- ISO 3801
- BS 3424 / 2471
- BSEN 12127