

TECHINCAL DETAILS

OF

SAMPLE CUTTER Nx™

1. INTRODUCTION

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

Main features of SAMPLE CUTTER Nx™

- ❖ Ergonomic latest design with stylish appearance.
- ❖ Finest grade of aluminum Metal used in the main Body for light weight, robustness and resilience.
- ❖ Smooth, precision-engineered components for exceptional performance.
- ❖ Easy-to-use, diamond studded locking mechanism.
- ❖ Stainless Steel Blade holders for lifelong excellent operations.
- ❖ Special rubberized Foam cutting pad for smooth cutting and long life of the Blades.
- ❖ Supplied complete with Inspection and Calibration Certificate along with 2 sets of Extra Blades and 4 cutting pads.

2. EQUIPMENT

The equipment consists of **SAMPLE CUTTER Nx™** with Diamond Studded Locking Mechanism (Safety Catch Lock). The instrument is equipped with a set of four replaceable blades. 4 Special grade, Grey cutting pads are provided with the unit. These cutting pads are specialized pads having very long life much more than other counterparts.

The **SAMPLE CUTTER Nx™** has 4 Nos. of German reversible blades fitted in it. The blades are reversible i.e. If one side gets blunt due to continuous usage, the blades can be turned to the other side. In this way, all the four sides of the blades can be used. Each blade has numbered sides from 1-4 for convenience in changing the blades. 2 Set of Extra Blade are provided with the Equipment.



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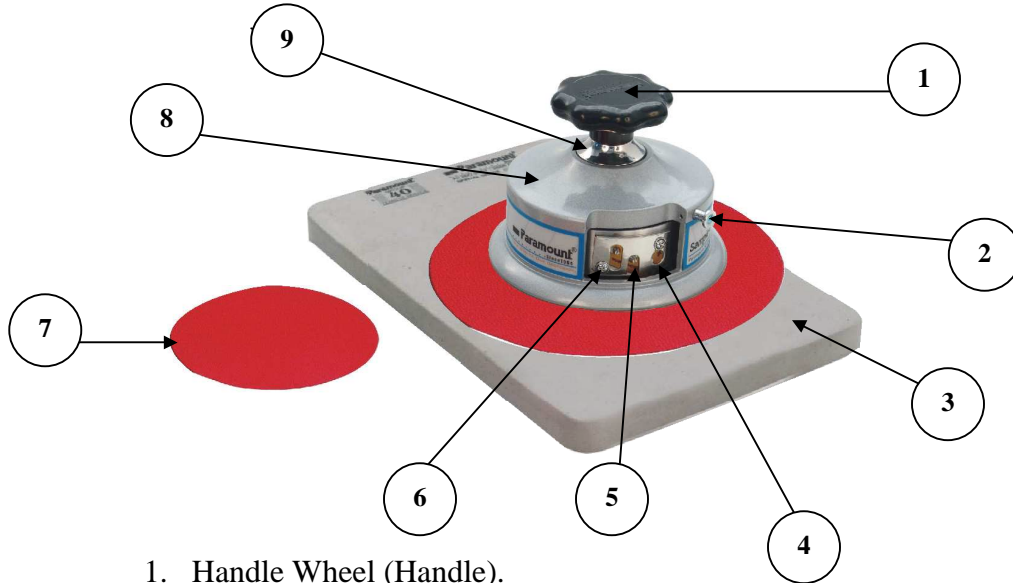


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3. Details of the Main Unit of SAMPLE CUTTER for GSM



1. Handle Wheel (Handle).
2. Diamond Studded Locking Mechanism (Safety Catch)
3. Special Rubberized Cutting Pad (Mat).
4. S. Steel Plate for fixing Blade.
5. Screw for fixing Blade.
6. Screw for fixing the S. Steel Plate.
7. Cut Specimen.
8. Main Body.
9. Special Guide Bush.

4. Details of the Accessories Supplied with SAMPLE CUTTER for GSM



Main Unit



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Extra Cutting Blades
 2 Set (Set of 4 Nos.)



Blade Box



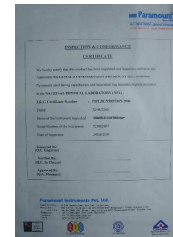
Cutting Pads 02 Nos.
 (Specially Rubberized for Long Life)



Dust Cover



This User's Manual



Calibration & Inspection
 Certificates



SAMPLE CUTTER for GSM is Supplied Complete with below Accessories

Main Unit	:	01 No.
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.



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5. 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)

6. RELATED STANDARD

A ASTM D3776 / 2646 – 96

ISO 3801

BS 3424 / 2471

BSEN 12127

NOTE : With our constant endeavour to improve & excel, we reserve the right to alter the specification or modify the appearance without notice.



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