

TECHINCAL DETAILS

OF

Sample Cutter with GSM Balance

1. INTRODUCTION

Paramount *Sample Cutter with GSM balance* is very useful equipment to determine GSM of any type of fabrics. The balance weighs up to two decimal numbers, so it is very useful to weigh samples & chemicals in textile laboratories, College & Universities.

2. EQUIPMENT

Paramount *Sample Cutter with GSM balance* is a delicate weighing balance with the accuracy up to two decimal numbers & a sample cutter for GSM. The balance is supplied in a beautiful charring case for easy transport & safety.. A.C adaptor is provided with the equipment to run in 240V A.C supply. The sample cutter is made out of high-grade aluminum for lightweight & long life. Specially designed cutting pad is supplied to support sample cutting to raise the life of blade & easy cutting. The equipment is meticulously painted in silver colour.



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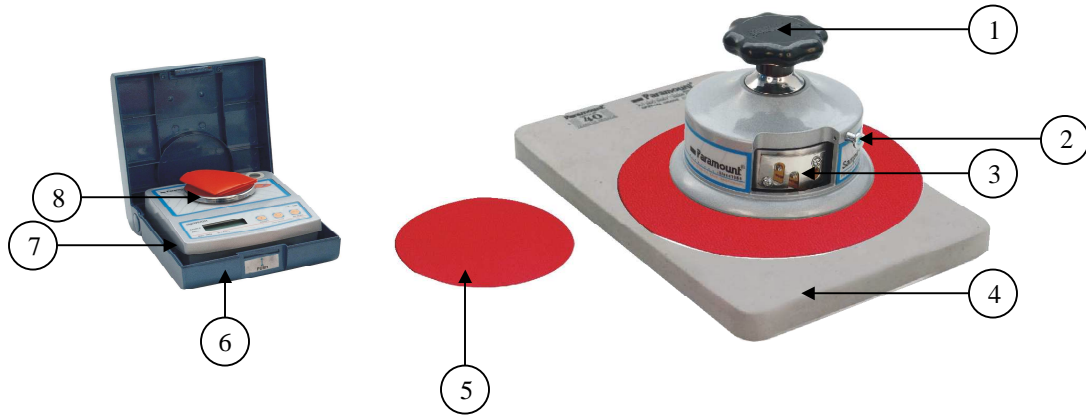


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3. DETAILS OF THE MAIN UNIT OF *Sample Cutter with GSM Balance*



1. Handle Wheel (Handle).
2. Diamond Studded Locking Mechanism (Safety Catch)
3. Screw for fixing Blade.
4. Special Rubberized Cutting Pad (Mat).
5. Cut Specimen.
6. Digital GSM Balance (Box).
7. Digital GSM Balance.
8. Balance Pan.

4. DETAILS OF THE ACCESSORIES SUPPLIED WITH *Sample Cutter with GSM Balance*



Main Unit



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



Blade Box



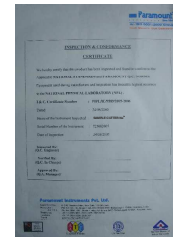
Cutting Pads 02 Nos.
 (Specially Rubberized for Long Life)



Dust Cover



This User's Manual



Calibration & Inspection Certificates

Sample Cutter with GSM Balance is Supplied Complete with below Accessories:

- | | | |
|----|--|-----------|
| 1. | Main Unit | : 01 No. |
| 2. | Special Grade-Grey Cutting Pads | : 02 Nos. |
| 3. | Extra Cutting Blades (Set of 04 Blades) | : 01 Set. |
| 4. | Dust Cover | : 01 No. |
| 5. | This User's Manual | : 01 No. |
| 6. | Inspection & Conformance Certificate | : 01 No. |
| 7. | Calibration Certificate (Traceable to NPL) | : 01 No. |

5. TECHNICAL DETAILS OF *Sample Cutter with GSM Balance*

Capacity	:	100 g / 3.5 oz* / 500 ct
Resolution	:	0.01 g / 0.0005 oz* / 0.05 ct
Non-linearity	:	+ 0.03 g
Repeatability	:	+ 0.02 g
Calibration weight	:	100 g or 50 g + 0.002 g
Display	:	8mm/0.31 inch, 7segment liquid crystal display
Platform size	:	φ 70 mm / φ 2.75 inches
Battery life cells	:	6 x R6P /LR6/ “AA” size batteries or AC adaptor
Operating temp.	:	-10° C-40°C/14°F-104°F, Less than 85% RH (Non-condensing)
Options	:	AC Adaptor
Dimension	:	260(L)x, 165(W)x, 100(H)mm 10(L) x, 6.5(W)x, 3.9(H)inch
Net Weight of the Unit	:	1.2Kg (2.6 4 lbs)
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)

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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