## E. Consumables and Spares

1.Bluntor damaged blades should be turnedorchanged, otherwise cutting will be impaired. Use only the approved type of blade. Spare blades are available as follows:

761-806	Pack (100) Blades for Models 230/140,230/103,230/100 and 230/50
761-808	Pack(20) Blades for Model230/100(C;
761-807	Pack(100)Blades for Models 230/38and 230/10
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2. Worn boards should be turned or changed, otherwise cuttig wilbe impaired. Use only the approved type of board. Spare cuting boards are available in packs of 10. Quantity discounts are available if 2,5,10,15,20 or25 packs are ordered together Stock Code:761-801

#### F. Balances

We have arange of balances available for weighing the cut specimens. Particularly suitable are:

Sartorius Portable Digital	Weighingrange:0-150gand 0-5oz		
Balance Model BL 150	Readability:0.01gand0.0001oz		
Portable Cloth Balance	Ranges:0-9oz/yd2and0-300g/m2		
Model 90A	(Direct reading)		

Please ask for further details

### SCHRODER GSM-CUTTER

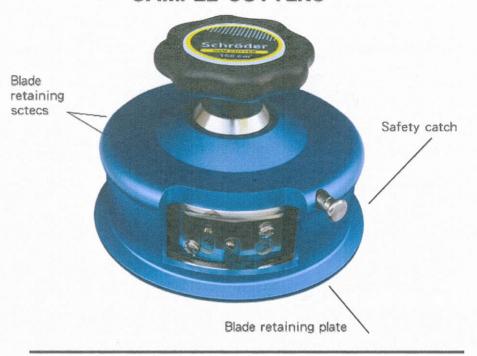


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# OPENBATING INSTRUCTLONS SAMPLE CUTTERS



Model No.	Specimen Area	Specimen	Dlameter	Approximate Depth of Cut
230/140 230/103 230/100 230/100(C) 230/50 230/38 230/10	154 cm2(app 1/100thyd2 100cm2 100cm2 50cm2 12cm2(appro 10cm2		140mm 103mm 113mm 113mm 80mm 38mm 36mm	5mm 5mm 10mm 5mm 5mm 5mm

Ref:290-230B.doc-08-08-20

#### A. General

- 1. The instrumentis designed to cutout, rapidly and accurately, circular specimensofaparticular fixed area ordiameter from virtually any type of material, including woven, non-woven and knitted tetiles, carpet, film. foam, paper and board.
- 2.Each cutteris supplied complete with; one set of bladesfitted).

#### B.Use of the cutter

- 1.Place the sample on the cutting board making surethatitis flat and smoth. Do not stretch t.
- 2.Place the cutteron the sampleand release the safety catch. This is done by withdrawing the head of the catch, turningit through 90 degrees and locating the pin in the tworecesses. This allows the blades to become operational.
- 3. Whilst holding the cutter with one hand, apply pressure to the handle and rotate throughat least90 degrees, it may be necessary to turn further for certain materials.
- 4.Re-lock the safety catch and remove the cutter.
- 5. Fordetermination of weight perunitarea, weigh the specimen to 0.01gor0.00010oz(SeeSection Fforsuitable balances).

# C. Calculation of weight persquare metre /square yard

Models 230/100 and MOdel 230/100(C)	Specimen size:100 cm2 Multiply weightin grammes by 100		
Model 230/50	Specimen size:50cm2 Mutiply weight in grammes by 200 forg/m2		
Model 230/10	Specimen size:10cm2 Multiply weightin grammes by I000 forg/m2		
M0del230/103	Specimen size:1/100th square yard Multiply weight in ounces by 100 for oz/yd2		

# D. Changing the blades

- 1.Make sure that the safety catch is locked.
- 2.Loosen the blade retaining screws toallow the blade retaining plates to be removed. Then either turn orreplace the blades.
- 3. Replace the blade retaining plates and tighten the screws.
- 4.Repeat this procedure for each blade.
- 5. Note that blades may be rotated until all cutting corners have been used.

