



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

This wishlist was generated on 25/01/2018, and contains the following Products:

78-1250/01

225 Litre Drying Oven

82-2100

Desiccator - Non-vacuum

82-2110

Desiccator Cabinet - Non-vacuum

23-3500

Rubber Headed Pestle.

83-4170/01

Muffle Furnace

81-0480

Crucible Tongs, Straight

78-5447/01

Electronic Balance - 3600g x 0.01g

80-0300/09

Air Jet Sieving Machine

38-1000

Blaine Air Permeability Apparatus

38-1000/10

Manometer U-tube

38-1000/15

Blaine Air Permeability Cell

38-0650

Filter Papers

38-0620

Pure Mineral Oil 1 Litre Bottle.

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Aspirator

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81-0100

Spatula 100 mm

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Spatula 150 mm

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Chattaway Spatula 125 mm

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Large Capacity Sample Splitter.

81-0508

Heat-Resistent Gloves, With Gauntlet



225 Litre Drying Oven

Code: [78-1250/01](#)

Product Group: [Percentage Refusal Density \(PRD\)](#),
[Oven Drying Method](#), [Oven Drying Method](#), [Oven Drying Method](#)

Standards

EN 12697-32, EN 13280-4, BS 598-104, BS 1377

Specification

Capacity	225 litres
External Dimensions (l x w x h)	540 x 1040 x 940
Internal Dimensions (l x w x h)	440 x 920 x 600
Fluctuation	± 0.75°C
Rated power heater elements	2000 W
Shelves supplied	3
Shelf positions	4
Weight	80 kg

Alternatives



100 Litre Drying Oven

Code: [78-1225/01](#)



150 Litre Drying Oven

Code: [78-1235/01](#)



425 Litre Drying Oven

Code: [78-0135/01](#)

Product Sheet

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50 Litre Drying Oven

Code: [78-1215/01](#)



Desiccator - Non-vacuum

Code: [82-2100](#)

Product Group: [Desiccators](#)

200 mm internal diameter borosilicate glass. Supplied with perforated zinc disc.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Desiccator Cabinet - Non-vacuum

Code: [82-2110](#)

Product Group: [Dessicators](#)

Internal dimensions 300 x 300 mm acrylic plastic.
Supplied with 1 shelf and 2 desiccant trays.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Rubber Headed Pestle.

Code: [23-3500](#)

Product Group: [Sample Reduction](#)

Specially made for gently grinding soils without breaking the individual particles. Suitable for BS 1377, 1924; ASTM D421; AASHTO T87.

Standards

BS 1377, BS 1924, ASTM D421, AASHTO T87

Alternatives



Mortar and Pestle Porcelain.

Code: [23-3505](#)



Muffle Furnace

Code: 83-4170/01

Product Group: Furnaces, Loss-on-Ignition,
Loss-on-Ignition

The unique design of oven door for safe and easy operation to ensure that the high-temperature hot gas will not escape from inside the oven.

Inert gas inlet and outlet reserved in the chamber.

Micro-computer PID controller: easy operation, accurate, reliable and safe control.

Inside lining of fire-door and box panel are both made of stainless steel materials and are corrosion-resistance and free deformation under high temperature.

Light chamber for durable service (refractory-brick chamber and ceramic-fiber chamber are optional).

With excellent door seal, thermal loss is minimised and temperature evenness is increased in the chamber.

Standards

EN 196-2, EN 459-2, EN 13454-2, BS 1016-4, ISO 344, ISO 1171, ASTM D2361, ASTM D2795, ASTM D3714

Specification

Work chamber dimensions (l x w x h)	300 x 200 x 120 mm
Capacity	7 litres
Maximum temperature	1200 °C
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Power supply	5000 KW
Weight	130 kg

Spares/Consumables



Controller, for use in 83-4170/01

Code: [83-4170/11](#)



Element heating for use in 83-4170

Code: [83-4170/14](#)



Element/Chamber complete, heating, for use in 83-4170/01

Code: [83-4170/12](#)



Refractory brick for 83-4170/01

Code: [83-4170/13](#)



Thermostat, KGrade, 370 long, dia 2.5, for 83-4170/01

Code: [83-4170/10](#)

Alternatives



Heat of Hydration Apparatus

Code: [38-4600/01](#)



Heat of Hydration Apparatus

Code: [38-4600/06](#)



Rotatest 1500

Code: [45-3810/01](#)



Rotatest 3000

Code: [45-3815/01](#)



Crucible Tongs, Straight

Code: [81-0480](#)

Product Group: [Miscellaneous Laboratory Hardware](#)

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Electronic Balance - 3600g x 0.01g

Code: [78-5447/01](#)

Product Group: [Electronic Balances](#)

Further Information

****Not available for sale in the USA****

Specification

Capacity resolution	3600 g x 0.01 g
Pan size	160 x 160 mm
Mains and battery	No
Dimensions (l x w x h)	260 x 170 x 90 mm
Weight	6 kg
Weighing units	g, kg, ct, GN, N, lb, oz, lb:oz, ozt, dwt, T, custom unit
Readability	0.1 g



Air Jet Sieving Machine

Code: [80-0300/09](#)

Product Group: [ELE Sieve Shaker](#)

This Air Jet Sieving Machine is particularly suitable for sieve cuts of powdered materials which require efficient dispersion and desagglomeration. It has options store up to 10 SOPs and the automatic vacuum regulator (accessory) guarantees reproducible and meaningful results.

Innovative features such as the open mesh function, the selection of the nozzle speed as well as optional use of standard 2" high test sieves perfects the new air jet technology.

Application examples: ceramics, chemical products, cosmetics, food, minerals, pharmaceutical materials, pigments, plastics, powder coating, rubber, toner and washing powder.

Requires suitable industrial vacuum cleaner.

Advantages include: Sieving with air jet technology for dispersion and desagglomeration of fine powders, open Mesh Function to reduce the number of near-mesh particles, high flexibility through adjustable nozzle speed, easy evaluation and documentation of results, additional Quick Start mode, silent operation due to integrated silencer, collection of two fractions possible by use of cyclone, air jet produced by a powerful industrial vacuum cleaner, fulfils all criteria for measuring equipment related to ISO 9001, easy operation, ergonomic design, maintenance-free and memory for up to 9 SOPs.

Specification

Max. number of fractions	1 (by using a cyclone:2)
Speed	Digital, 5 - 55 min-1 (nozzle)
Time display	Digital, 00:01 - 99:59 min
Vacuum	2000-9999 Pa/ 20-99 mbar/ 0.3- 1.45 psi
Storable SOPs	9 / Quick Start mode
Suitable for dry sieving	Yes
Serial interface	Yes
Suitable sieve diameters	203 mm (200 mm with adapter)
Max. height of sieve stack	1 sieve (25 mm (1") / 50 mm (2"))
Dimensions (w x h x d)	460 x 288 x 305 (without cover)



Blaine Air Permeability Apparatus

Code: 38-1000

Product Group: Blaine Fineness Apparatus,
Determination of Fineness Blaine Apparatus

Standards

EN 196-6, EN 459-2, EN 13286-44, BS 4359-2, ASTM C204, AASHTO T153

Specification

Cell	Stainless steel; 12.70 \pm 0.10 mm i.d.
Disk	0.9 \pm 0.1 mm thick with 30-40 one mm diam. holes.
Plunger	Stainless steel.
Manometer	U-tube glass with ground joint, stop cock and rubber bulb assembly.
Filter Paper	12.70 mm diam.
Fluid	Pure Mineral Oil.
Weight	Net 7 lbs. (3.2 kg).

Accessories



Electronic Balance - 620 g x 0.001 g

Code: 78-5405/01



Filter Papers

Code: [38-0650](#)



Pure Mineral Oil 1 Litre Bottle.

Code: [38-0620](#)



Reference Cement

Code: [38-0645](#)

Spares/Consumables



Aspirator

Code: [38-0500/11](#)



Blaine Air Permeability Cell

Code: [38-1000/15](#)



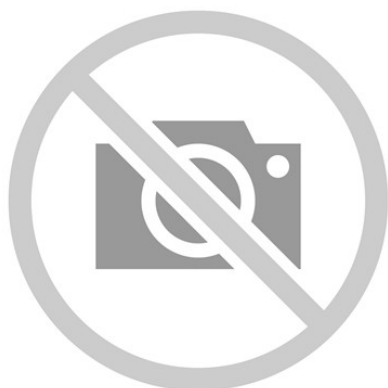
Filter Paper

Code: [38-0652](#)



Manometer U-tube

Code: [38-1000/10](#)



Manometer U-tube

Code: [38-1000/10](#)

Product Group: [Blaine Fineness Apparatus](#),
[Determination of Fineness Blaine Apparatus](#)

Spare.

Standards

ASTM C204



Blaine Air Permeability Cell

Code: [38-1000/15](#)

Product Group: [Blaine Fineness Apparatus](#),
[Determination of Fineness Blaine Apparatus](#)

Spare: Stainless steel with a perforated disc and plunger.

Standards

ASTM C204



Filter Papers

Code: [38-0650](#)

Product Group: [Determination of Fineness Blaine Apparatus](#)

Accessory: 12.7mm diameter. Box of 100.

Standards

ASTM C204

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Pure Mineral Oil 1 Litre Bottle.

Code: [38-0620](#)

Product Group: [Blaine Fineness Apparatus](#),
[Determination of Fineness Blaine Apparatus](#)

Standards

EN 196-21, ASTM C204



Aspirator

Code: [38-0500/11](#)

Product Group: [Blaine Fineness Apparatus](#)

Spare for 38-1000 Blaine Air Permeability



Moisture Content Tin

Code: [81-2979](#)

Product Group: [Moisture Content Tin and Sample Containers](#)

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Spatula 100 mm

Code: [81-0100](#)

Product Group: [Spatulas](#)

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Spatula 150 mm

Code: [81-0120](#)

Product Group: [Spatulas](#)

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Spatula 200 mm

Code: [81-0140](#)

Product Group: [Determination of Plastic Limit, Spatulas](#)

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Accessories



Vibrating Hammer

Code: [47-0455/01](#)

Alternatives



Vibrating Hammer

Code: [47-0455/01](#)



Chattaway Spatula 125 mm

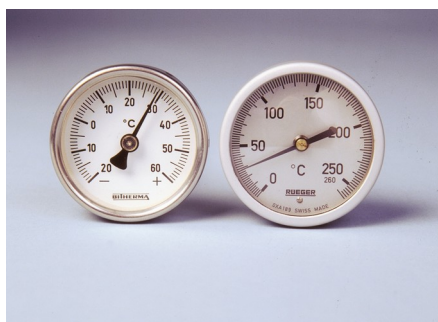
Code: [81-0180](#)

Product Group: [Spatulas](#)

- Manufactured from stainless steel.
- Bent and rounded end scrapes and lifts materials from bottles and flasks.
- Fits into tight flasks and bottles with necks \geq 4mm diameter.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Portable Thermometer 50 to 250°C

Code: [82-5243](#)

Product Group: [Portable Dial-type Thermometers](#)

64 mm diameter dial with a 650 mm long stem.

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Stopwatch

Code: [81-0521](#)

Product Group: [Watches and Clocks](#)

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Specification

Dimensions (mm)

64 x 53 x 19



Aluminium Scoop Small

Code: [81-0200](#)

Product Group: [Scoops and Shovels](#)

82 x 127 x 50 mm, cast aluminium with handle

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Aluminium Scoop Large

Code: [81-0220](#)

Product Group: [Slump Test, Scoops and Shovels](#)

Further Information

****Not available for sale in the USA****



Large Capacity Sample Splitter.

Code: [23-3425](#)

Product Group: [Large Capacity Sample Splitter](#), [Large Sample Splitter](#)

The splitter is designed for the reduction of test samples which are too large in volume to be conveniently handled. It divides samples so that half is representative of the original total sample and handles material up to 6 inches in particle size.

The lever-actuated unit is constructed of heavy gauge welded steel with a hopper which holds up to 1 cuft. The single splitter chute provides wide flexibility in sizes of opening and adjustment is provided for chutes of 0.5, 1.5, 2, 3, 4 or 6 inch by positioning of the chute bars. Overall height is approximately 1 meter. Hopper size 735 mm long x 480 mm wide (approx).

Further Information

Complete with 2 material pans and a bag-loading chute.

Specification

Capacity	1 cu. ft. (0.028 m3); for sand sizes up to 4" (102 mm).
Hopper	Lever-actuated, clamshell design.
Chute Bars	48 aluminum bars, 1/2" (13 mm) width.
Chute Area	24 " (610 mm) overall width.
Chute Openings	Adjustable; 1/2", 1", 1-1/2", 2", 3", 4", or 6".
Frame	Welded, heavy-gage steel.
Chute Attachment	Replaces pan to allow sample collection in bag; 28-1/4" l. x 7"w. x 5-1/2" h. (718 x 178 x 140 mm).
Material Pans	Two included; 25 -3/4" l. x 9" w. x 6-1/2" h. (654 x 229 x 165 mm).
Overall Dimensions	29" l. x 19" w. x 39" h. (737 x 483 x 999 mm).
Weight	Shpg. 142 lbs. (64 kg).

Accessories



Sample Bag - 10" x 18" (254 x 457 mm)

Code: 23-1420



Sample Bag - 17" x 32" (432 x 813 mm)

Code: 23-1422

Alternatives



Large Capacity Sample Splitter.

Code: 23-3425



Sample Splitter (Riffle Box) - 14 chutes, 1/2" (13 mm) chute width

Code: 23-3052



Sample Splitter (Riffle Box) - 14 chutes, 3/4" (19 mm) chute width

Code: 23-3102



Sample Splitter (Riffle Box) - 16 chutes, 1" (25 mm) chute width

Code: [23-3152](#)



Sample Splitter (Riffle Box) - 8 chutes, 2-1/2" (64 mm) chute width

Code: [23-3352](#)



Sample Splitter (Riffle Box) - 8 chutes, 2" (51 mm) chute width

Code: [23-3302](#)



Heat-Resistant Gloves, With Gauntlet

Code: [81-0508](#)

Product Group: [Miscellaneous Laboratory Hardware](#)

Further Information

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